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UNITED STATES

HYDROELECTRIC POWER RESOURCES

January 1, 1953

INTRODUCTION

The studies of the Federal Power Commission with respect to the hydroelectric power resources of the United States have been made under the provisions of Section 4(a) of the Federal Power Act, which authorizes the Commission "to make investigations and to collect and record data concerning the utilization of the water resources of any region to be developed . . ."

This publication presents compilations and summaries of data as of January 1, 1953 on the water resources of the United States as related to the development of hydroelectric power. The compilations bring together data on developed and undeveloped power in individual listings of existing hydroelectric plants and undeveloped power sites grouped and arranged by major drainages and river basins and by geographic divisions and states. The data on both categories of power are summarized by the above groupings in tables showing the totals of the individual plant and site data. The groupings used herein are described below and are delineated in figures 1 and 2. (See pages 3 and 4.)

The total hydroelectric power resources of the United States are estimated at about 109.5 million kilowatts with a corresponding average annual generation of about 491 billion kilowatt-hours. About 21.5 million kilowatts, or 20 percent of the total resources, are now developed, producing annually on the average about 112.5 billion kilowatt-hours of electric energy. The hydroelectric power resources available for possible future development are presently estimated at about 88 million kilowatts. Although this estimate is subject to revision as additional information is obtained, based on new and more detailed investigations, and although it cannot now be foreseen what part of this potential will not be found economical or practical of development, it serves to indicate, from a long-range view, the over-all hydroelectric power potentialities of the United States.

MAJOR DRAINAGES

The river basins of the country are grouped into 14 major drainages, each of which covers an area whose boundaries coincide with natural drainage features. The boundaries of these major drainages conform to the boundaries of the areas adopted by the United States Geological Survey as a basis for its annual publication of stream-flow measurements, with some modifications being made in the grouping of the river basins.

These major drainages and the river systems which they comprise are: *North Atlantic* - river systems draining into the Atlantic Ocean starting with the St. John River, Maine, and extending to and including the York River, Virginia; *South Atlantic* - the remaining river systems draining into the Atlantic Ocean starting with the James River, Virginia; *Eastern Gulf* - river systems draining into the Gulf of Mexico east of the Mississippi River; *Western Gulf* - river systems draining into the Gulf of Mexico west of the Mississippi River; *Lower Mississippi River* - Mississippi River and tributaries from its mouth to the Missouri River, excluding the Ohio River Basin; *Upper Mississippi River* - Mississippi River and tributaries above the Missouri River and extending to the headwaters of the Mississippi River; *Ohio River* - the Ohio River and its tributaries; *Missouri River* - the Missouri River and its tributaries; *Great Lakes-St. Lawrence* - all river systems in the United States draining into the Great Lakes or the St. Lawrence River; *Hudson Bay* - the United States portion of river systems draining into Hudson Bay; *Colorado River* - the Colorado River and its tributaries; *Great Basin* - all rivers

within the Great Basin; *North Pacific* - river systems draining into the Pacific Ocean along the Washington-Oregon coastline; and *South Pacific* - river systems draining into the Pacific Ocean along the California coastline. The major drainages are outlined on the map in Figure 1.

GEOGRAPHIC DIVISIONS

The states are grouped into nine geographic divisions to conform to the grouping used by the Bureau of the Census in presenting census statistics. These geographic divisions and the states which they comprise are: *New England* - Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut; *Middle Atlantic* - New York, New Jersey, Pennsylvania; *East North Central* - Ohio, Indiana, Illinois, Michigan, Wisconsin; *West North Central* - Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas; *South Atlantic* - Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida; *East South Central* - Kentucky, Tennessee, Alabama, Mississippi; *West South Central* - Arkansas, Louisiana, Oklahoma, Texas; *Mountain* - Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada; and *Pacific* - Washington, Oregon, California. The geographic divisions are outlined on the map in Figure 2.

DEVELOPED HYDROELECTRIC POWER

Basic data on the installed capacity and production of electric energy of existing electric utility hydroelectric-generating plants in the United States are furnished in reports received by the Commission from both the privately-owned electric utilities and the publicly-owned group. The latter group is composed of Federal projects, municipally-owned utilities, cooperatives, power districts, state power projects, and non-central stations. In addition to the generating capacity and electric energy production of electric utilities, similar data for electric power plants of industrial establishments are obtained from reports on industrial generating plants.

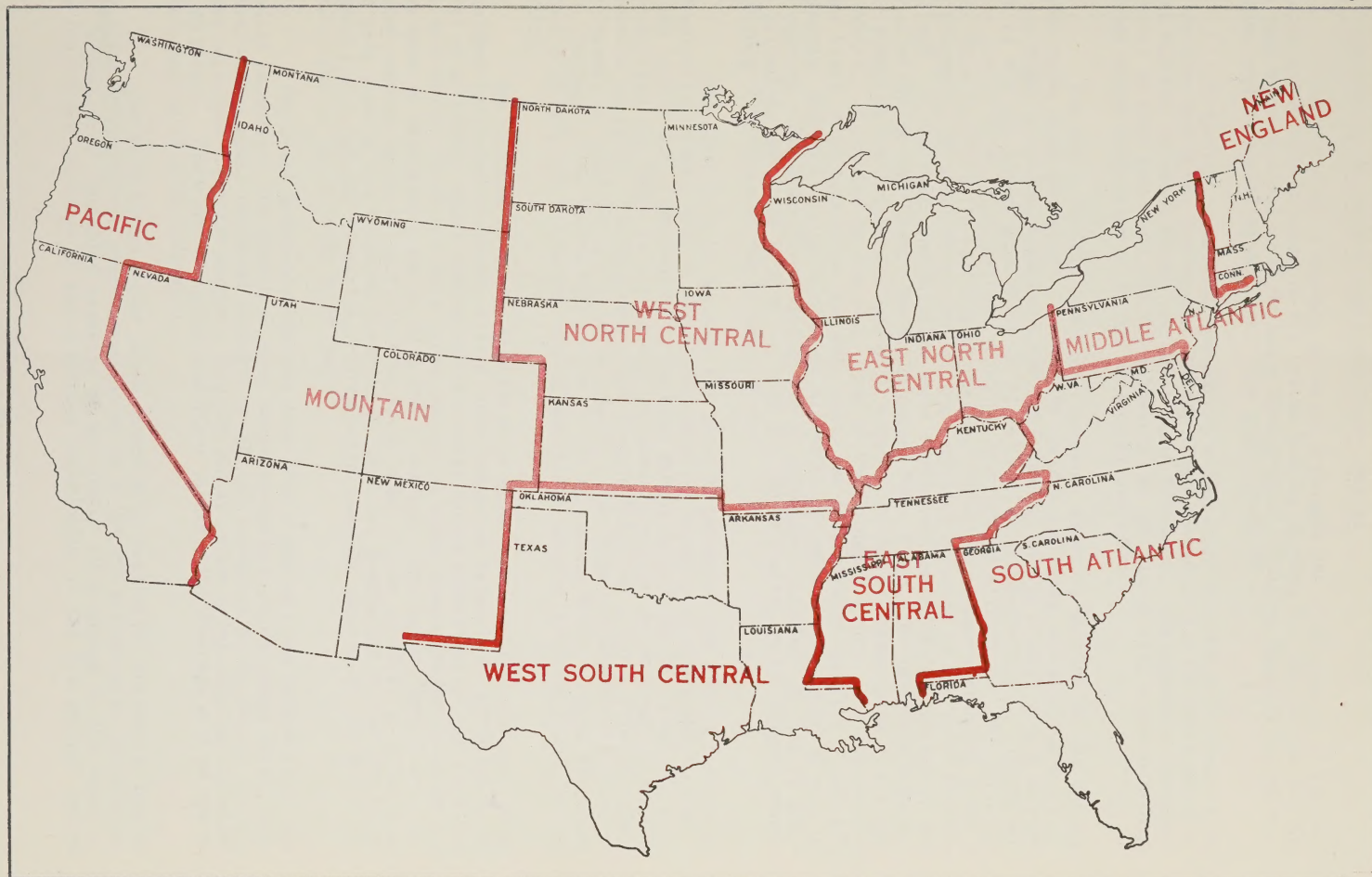
The aggregate generating capacity installed as of January 1, 1953 in hydroelectric plants in the United States was 21,463,872 kilowatts, having a corresponding estimated average annual generation of 112,479 million kilowatt-hours. This capacity comprises 20,457,100 kilowatts installed in 1,411 electric utility plants, with a corresponding average annual generation of 107,730 million kilowatt-hours, and 1,006,772 kilowatts installed in 428 generating plants of industrial establishments, with a corresponding average annual generation of 4,749 million kilowatt-hours.

The above capacity figures differ slightly from corresponding figures representing the installed capacity as of December 31, 1952 which are shown in the Commission's publication on electric energy production and capacity of generating plants for 1952. With respect to the differences in state, geographic division, and United States totals of capacity installed in electric utility plants, they are due in part to the use of different reporting forms as a basis for the capacity data shown in the two publications, which in a few cases contain discrepancies in the reported data. Further reason for the differences in utility plant capacities is the inclusion in this publication of the capacities of auxiliary generating units as part of the plant capacities, whereas such auxiliary capacities are excluded from the figures shown in the other publication. Differences in the state, geographic division and United States totals of industrial capacity are due to the inclusion in this publication of a small number of non-utility hydroelectric plants as industrials. These few plants are not strictly industrials but are included in this publication in order to obtain as full coverage as possible.

FIGURE 1 INDEX MAP OF MAJOR DRAINAGES



FIGURE 2 INDEX MAP OF GEOGRAPHIC DIVISIONS



Distribution by Major Drainages and River Basins

Table 1 gives a summary by major drainages and river basins of the developed hydroelectric power in the United States, showing for the United States and each major drainage and river basin the aggregate installed capacity and corresponding average annual generation. (See pages 19 and 20.)

Forty-four percent of the country's developed hydroelectric power is on the streams west of the Continental Divide. These streams are in the North Pacific, South Pacific, Colorado River, and Great Basin drainages. The aggregate installed capacity in this area is 9,505,739 kilowatts, at 390 plants with a corresponding average annual generation of 57,829 million kilowatt-hours.

The North Pacific drainage, contains about 23 percent of the United States total developed power. It has the largest aggregate installed capacity of all the major drainages, totaling 4,856,012 kilowatts at 152 plants, with a corresponding average annual generation of 34,343 million kilowatt-hours. Industrial power plants have installations totaling only 48,452 kilowatts. The Columbia River Basin alone has 118 existing hydroelectric power developments totaling 3,947,389 kilowatts, or about 80 percent of the installed capacity in the North Pacific drainage. Of the total installation about two-thirds, or 2,626,000 kilowatts, are installed on the main stem. The Grand Coulee Power Plant, the largest hydroelectric plant in the United States, with a total installed capacity of 1,974,000 kilowatts, is located on the main stem of the Columbia River. The Bonneville Power Plant, also located on the main stem, has an installed capacity of 522,400 kilowatts, making it third in size of all existing hydroelectric power plants in the country. The Snake River Basin, with an aggregate installed capacity of 434,995 kilowatts, and Clark Fork Basin, with 400,270 kilowatts, are the largest power-developed tributaries of the Columbia River.

The South Pacific drainage has about 11 percent of the country's existing hydroelectric power, with an aggregate installed capacity of 2,430,800 kilowatts at 105 plants and a corresponding average annual generation of 14,020 million kilowatt-hours. There is one industrial power plant in the drainage with 1,600 kilowatts capacity. The Sacramento-San Joaquin Basin has a total existing power development of about 2-1/4 million kilowatts. The largest hydroelectric plant in this drainage is the Shasta Power Plant on the Sacramento River, with an installed capacity of 379,000 kilowatts, making the fifth largest existing plant in the country.

The Colorado River drainage has about eight percent of the country's total developed hydroelectric power, with a total installed capacity of 1,773,665 kilowatts at 45 plants, and a corresponding average annual generation of 7,851 million kilowatt-hours. There are only three industrial power plants in the drainage and they have an aggregate capacity of 1,358 kilowatts. The Hoover Power Plant, the second largest existing hydroelectric power plant in the country, is located on the main stem of the Colorado River in Arizona and Nevada and has an installed capacity of 1,249,800 kilowatts, representing about 70 percent of the total installations in the Colorado River Basin.

The Great Basin drainage has less than a half-million kilowatts of installed capacity. The principal power developments are in the Owens Valley Sub-basin, with a total installed capacity of 226,607 kilowatts at 18 plants, and the Great Salt Lake tributary streams, with 179,200 kilowatts total capacity installed in 40 plants. There are two industrial power plants in the drainage with an aggregate capacity of 1,152 kilowatts.

The Mississippi River Basin, comprising four major drainages, has an aggregate hydroelectric power installation of 5,659,275 kilowatts at 362 plants, the largest total installed capacity of any single river system in the country. The Ohio River drainage is the principal contributor to the Mississippi system

total, with 3,794,291 kilowatts installed capacity at 78 plants and a corresponding average annual generation of 18,073 million kilowatt-hours. Ten industrial power plants are located in this drainage and have a total capacity of 260,380 kilowatts, with an average annual generation of 1,367 million kilowatt-hours. The Tennessee River system, the largest power tributary system in the Ohio River drainage, has 2,824,892 kilowatts installed capacity of which 2,360,540 kilowatts are installed in Tennessee Valley Authority plants. The Cumberland River Basin with a total installation of 475,460 kilowatts at four plants and the Kanawha River Basin with 259,800 kilowatts at 13 plants are the other principal power streams in the Ohio River drainage.

The Missouri River drainage has 81 existing hydroelectric plants with a total capacity of 783,111 kilowatts and a corresponding average annual generation of 4,210 million kilowatt-hours. Industrial power development totals 9,614 kilowatts. The Osage Plant on the Osage River in Missouri, with an installation of 133,200 kilowatts, is presently the largest hydroelectric plant in the Missouri River drainage.

The Upper Mississippi River drainage, with 179 plants, accounts for 616,916 kilowatts of existing hydroelectric power development. The corresponding average annual generation is 3,004 million kilowatt-hours. Industrial power development totals about 67,000 kilowatts. The largest hydroelectric power plant is the Keokuk Plant on the Mississippi River in Iowa with an installed capacity of 122,800 kilowatts.

Existing installed capacity in the Lower Mississippi River drainage totals 465,407 kilowatts at 24 plants. The corresponding average annual generation is 1,671 million kilowatt-hours. The largest hydroelectric power plant is the Bull Shoals Plant on the White River in Arkansas with 120,000 kilowatts presently installed.

The North Atlantic drainage has existing developments totaling 2,267,243 kilowatts installed capacity at 490 plants, with a corresponding average annual generation of 9,632 million kilowatt-hours. About 11 percent of the country's developed hydroelectric power is in 30 river basins in this drainage. Industrial power of 305,728 kilowatts or close to one-third of the power developed in industrial plants in the United States is developed in this drainage. The Connecticut River Basin, with about 522,500 kilowatts installed capacity at 116 plants, has the largest aggregate amount of developed power. The second and third largest rivers in the drainage on the basis of developed power are, respectively, the Androscoggin and Kennebec Basins with about 139,000 and 132,000 kilowatts installed capacity at 30 and 25 plants. The largest hydroelectric plant in the North Atlantic drainage is the Comerford Plant on the Connecticut River in New Hampshire, with an installed capacity of 140,400 kilowatts.

Over 60 main rivers and their tributaries draining into the Great Lakes and St. Lawrence River have 380 existing hydroelectric power developments, totaling 1,545,285 kilowatts, or about seven percent of the country's total, and a corresponding average annual generation of 9.181 million kilowatt-hours. There are 69 industrial power plants in the drainage, with a total capacity of 86,986 kilowatts generating annually on the average about 390 million kilowatt-hours. The largest concentration of developed power is in the Niagara River at Niagara Falls where 414,800 kilowatts are developed on the American side with 334,800 kilowatts in the Schoellkopf Plant and 80,000 kilowatts in the Adams Plant.

The South Atlantic drainage has about seven percent of the total existing power developments in the country, with an aggregate installed capacity of 1,455,576 kilowatts at 149 plants and a corresponding average annual generation of 4,914 million kilowatt-hours. Industrial power installations of 204,000 kilowatts, or slightly over 20 percent of the country's industrial power plant capacity, are in this

drainage. The Santee River system has the largest aggregate development, totaling 846,819 kilowatts at 57 plants. The Yadkin-Pee Dee River system, with an aggregate installation of 226,417 kilowatts at 14 plants, and the Savannah River and tributaries, with 204,112 kilowatts at 20 plants, are next in order of total power developed. The largest hydroelectric plant in the South Atlantic drainage is the Pinopolis Plant of the South Carolina Public Service Authority, located on the Cooper River in South Carolina where 132,615 kilowatts are installed.

Rivers draining into the Gulf of Mexico have an aggregate power development of about 1,000,000 kilowatts at 57 plants. The Eastern Gulf drainage has a total installation of 728,448 kilowatts at 30 plants and a corresponding average annual generation of about 2,993 million kilowatt-hours. Industrial power of 15,000 kilowatts capacity is installed at six industrial power plants in the drainage. The principal power streams in the Eastern Gulf drainage are the Mobile-Alabama River, with 572,597 kilowatts installed capacity at 10 plants, and the Apalachicola River, with 134,718 kilowatts at 15 plants. The Western Gulf drainage has a total existing development of 284,400 kilowatts at 27 plants having an average annual generation of 899 million kilowatt-hours. Industrial power development is negligible. There are only four river systems in this drainage having existing power developments, namely: Brazos River, 22,500 kilowatts at one plant; Colorado River (Texas), 202,250 kilowatts at six plants; Guadalupe River, 19,860 kilowatts at 12 plants; and Rio Grande, 39,790 kilowatts at eight plants. The largest hydroelectric plant in the Western Gulf drainage is the Marshall Ford Plant on the Colorado River in Texas, with an installed capacity of 67,500 kilowatts.

The Hudson Bay drainage has only two streams which have been developed for power, - Rainy River, with 10,200 kilowatts at three plants, and Red River with 6,256 kilowatts at eight plants. The largest hydroelectric plant is an industrial power plant at International Falls on the Rainy River in Minnesota with an installed capacity of 5,600 kilowatts.

Table 2 lists by river basins, grouped according to major drainages, the individual power plants and shows the ownership, name of plant, location by river and state, installed capacity, average annual generation, and gross head. Plant ownership is as reported to the Federal Power Commission. (See pages 21 to 57.)

The order of arrangement of plants in a river basin starts at the mouth of the river and follows up the river system, with the plants on the tributary streams being listed as each tributary is reached. Plants on the main stem are listed according to their location between tributaries.

Both electric utility and industrial power plants are included in the list and are arranged according to the above scheme with each industrial power plant being designated by an asterisk. The total capacity and average annual generation shown for any river is the sum of both utilities and industrials.

There are 1,411 electric utility plants and 428 industrial power plants listed in the table.

Distribution by Geographic Divisions and States

Table 3 gives a summary by geographic divisions and states of developed hydroelectric power in the United States, showing for the United States each geographical division and state, the aggregate installed capacity, and corresponding average annual generation. (See page 58.)

The Pacific division, which comprises the States of Washington, Oregon, and California, has the largest aggregate existing hydroelectric power development, totaling 6,842,389 kilowatts at 229 plants, representing 32 percent of the total

existing development in the United States. The corresponding average annual generation is about 44,786 million kilowatt-hours. All but a small fraction of one percent of the existing capacity is installed in electric utility plants. The State of Washington exceeds all other States of the Nation in amount of developed hydroelectric power, totaling 3,199,593 kilowatts.

The large bulk of the existing power developments in the Pacific division is in the Columbia River Basin, with 3,106,759 kilowatts installed capacity, and in the Sacramento-San Joaquin Basin, with 2,346,990 kilowatts. The coastal streams of the State of Washington have existing installed capacities totaling 779,713 kilowatts.

The Mountain division is the third largest geographical division in the amount of developed hydroelectric power, with a total installed capacity of about 3,186,000 kilowatts at 202 plants and a corresponding average annual generation of 16,320 million kilowatt-hours. Four states in this division have over a half million kilowatts of installed capacity, namely: Arizona, 984,780 kilowatts; Idaho, 636,245 kilowatts; Montana, 603,910 kilowatts; and Nevada, 589,420 kilowatts. Industrial power in this division is small, totaling only about 4,000 kilowatts of installed capacity.

About 93 percent of the developed hydroelectric power in the division is provided by three river basins. These are the Colorado River Basin, with a total installed capacity of 1,628,000 kilowatts; Columbia River Basin, with 841,000 kilowatts; and Missouri River Basin, with 488,000 kilowatts.

The Southeastern part of the United States, comprising the South Atlantic and East South Central divisions, has existing installed capacity totaling 6,197,855 kilowatts at 269 plants, which approaches the existing installed capacity in the Pacific division. The South Atlantic division, with a total existing installed capacity of about 2,835,000 kilowatts at 230 plants and a corresponding average annual generation of 11,051 million kilowatt-hours, is fourth largest of the nine divisions. The Santee River has the largest amount of existing development in the division, aggregating 847,819 kilowatts. The headwaters of the Tennessee River are in this geographic division and have about 555,400 kilowatts of installed capacity. The Yadkin-Pee Dee and Savannah Rivers have aggregate installations of 226,417 and 204,112 kilowatts, respectively. The South Atlantic division has the largest amount of capacity of any division installed in generating plants of industrial establishments, totaling about 470,000 kilowatts at 69 plants, representing about 17 percent of the total installed capacity in this division. North Carolina, with 298,658 kilowatts installed in 27 industrial power plants, has more industrial hydroelectric power than any other state and exceeds the total industrial power development in the six New England States. Aluminum manufacture accounts for 281,500 kilowatts of the State's total.

The East South Central division has the largest aggregate existing installed capacity in the Eastern half of the country, and second largest of all the divisions totaling 3,362,580 kilowatts at 39 plants with a corresponding average annual generation of 16,108 million kilowatt-hours. Industrial power development is not important in this division, aggregating only 8,000 kilowatts. The portion of the Tennessee River Basin lying within this division has 2,269,440 kilowatts installed capacity, or about 68 percent of the division total. The Cumberland and Alabama-Coosa Rivers together contribute approximately 1,000,000 kilowatts to the division total.

The Middle Atlantic division, with a total installed capacity of 1,705,188 kilowatts at 229 plants and a corresponding average annual generation of 9,909 million kilowatt-hours, is fifth largest in amount of hydroelectric power developed. Industrial power development accounts for 79,000 kilowatts of the division's total

installed capacity. The principal power streams in this division are the Hudson River, with an aggregate installed capacity of 345,336 kilowatts, and the Susquehanna River, with 374,620 kilowatts at plants located within the division.

The New England division is the sixth largest division in terms of existing hydroelectric power development. There are 1,271,301 kilowatts capacity installed at 412 plants, with an average annual generation of 5,080 million kilowatt-hours. The Connecticut River has the largest amount of existing power development in the division, aggregating 522,521 kilowatts. This division has the second largest total amount of industrial generating capacity, with an aggregate installation of 272,134 kilowatts at 210 plants, representing 21 percent of the total developed hydroelectric power in the division. The Providence River system, which includes the Blackstone River, is about 80 percent developed for industrial power.

The East North Central, West North Central, and West South Central divisions each have less than one million kilowatts installed capacity. The percentage of industrial power in the East and West North Central divisions is between seven and eight percent.

Table 4 lists by States, grouped by geographic divisions, the individual plants and shows the ownership, name of plant, river on which plant is located, installed capacity, average annual generation, and gross head. Within a State, the plants are listed by river location arrangement. Both utility and industrial plants are listed together in order of location, with industrials being designated by an asterisk. The totals for each State and division include both utility and industrial power. (See pages 59 to 91.)

Table 5 shows for each geographic division and state the total capacity and average annual generation of both utility and industrial power plants. (See page 92.)

LARGE HYDROELECTRIC PLANTS

Forty-six percent of the country's existing electric utility hydroelectric generating capacity is installed in plants of 100,000 kilowatts or more capacity, which represent about two and one-half percent of the total number of utility hydroelectric plants in the United States. There are 37 electric utility plants of this size, having an aggregate installed capacity of 9,457,415 kilowatts, or an average installation of about 255,600 kilowatts per plant. This may be compared with the average of about 8,000 kilowatts per plant installed in the remaining 1,383 utility plants having less than 100,000 kilowatts installation.

There are 19 new electric utility hydroelectric plants now under construction, with initial installations of 100,000 kilowatts or more capacity, which will add another 5,796,500 kilowatts of developed power, an increase of 28 percent over the present utility total.

The Grand Coulee and Hoover Power Plants have installations of over one million kilowatts each, and the Chief Joseph Plant, now under construction, will be in this million-kilowatt group. The Schoellkopf Plant of the Niagara Mohawk Power Corporation at Niagara Falls is the largest privately-owned plant, with an installed capacity of 334,800 kilowatts. If the redevelopment of Niagara Falls for power is carried out, it will add an estimated 1,250,000 kilowatts to the existing installation on the American side of the Niagara River.

Many of the plants having existing installations of 100,000 kilowatts or more are planned for ultimate installations exceeding their present installation. There are also some existing plants with present installations of less than 100,000 kilowatts which also are planned for ultimate installations of 100,000 kilowatts or more.

Table 6 lists both existing plants and plants under construction whose planned ultimate installations will be 100,000 kilowatts or more. Shown for each plant are the existing or initial installation, planned ultimate installation, and average annual generation corresponding to the ultimate installation. (See page 93.)

The table includes 48 existing plants with a total present installation of 10,318,615 kilowatts and a total ultimate installation of 11,686,315 kilowatts, with a corresponding total ultimate average annual generation of 58,811 million kilowatt-hours; and 21 new plants under construction with a total initial installation of 5,948,000 kilowatts and a total ultimate installation of 8,211,000 kilowatts with a corresponding total ultimate average annual generation of 37,817 million kilowatt-hours. Summarizing, the 69 listed plants have an aggregate present or initial capacity of 16,266,615 kilowatts, with an ultimate capacity of 19,897,315 kilowatts, and an ultimate average annual generation of 96,628 million kilowatt-hours.

FEDERAL HYDROELECTRIC PLANTS

Hydroelectric power plants owned by the Federal Government and operated by its agencies had on January 1, 1953 a total installed capacity of 8,293,520 kilowatts, capable of producing annually on the average about 47 billion kilowatt-hours of electric energy. Provision is made at these plants for ultimate installations totaling 9,472,420 kilowatts.

The earliest hydroelectric plant to be built by the Federal Government was the Minidoka Power Plant on the Snake River in Idaho, constructed by the Bureau of Reclamation in 1909 in conjunction with the Minidoka reclamation project. The growth in amount of hydroelectric capacity installed in Federal plants is shown below:

<u>Period</u>	<u>Capacity Installed - Kilowatts</u>	
	<u>During Period</u>	<u>Total at end of Period</u>
1910 AND EARLIER	14,000	14,000
1911 - 1920	39,840	53,840
1921 - 1930	246,300	300,140
1931 - 1940	1,529,470	1,829,610
1941 - 1950	4,688,610	6,518,220
1951 - 1952	1,775,300	8,293,520

New capacity under construction January 1, 1953 will add 6,340,450 kilowatts, making the total Federal hydroelectric installation 14,633,970 kilowatts when completed.

The Federal agencies operating hydroelectric plants are: Corps of Engineers, Department of the Army; Bureau of Reclamation, Department of the Interior; Tennessee Valley Authority; National Park Service, Department of the Interior; and Indian Irrigation Service, Department of the Interior. The distribution of total installed capacity at the end of 1952 by agencies is as follows:

<u>Agency</u>	<u>Total Installed Capacity Kilowatts</u>
CORPS OF ENGINEERS	1,467,000
BUREAU OF RECLAMATION	4,421,200
TENNESSEE VALLEY AUTHORITY	2,392,400
NATIONAL PARK SERVICE	2,600
INDIAN IRRIGATION SERVICE	10,320
TOTAL	8,293,520

The largest Federal hydroelectric plant is the Bureau of Reclamation's Grand Coulee Plant on the Columbia River, in the State of Washington, with a total installation of 1,974,000 kilowatts. Approaching this plant in size is the Bureau of Reclamation's Hoover Plant on the Colorado River, with an installed capacity of 1,249,800 kilowatts, divided between 669,900 kilowatts installed in the power house on the Arizona side of the river and 579,900 kilowatts installed on the Nevada side. The third largest Federal hydroelectric plant is Bonneville on the Columbia River in the State of Oregon, constructed and operated by the Corps of Engineers. This plant has an installation totaling 522,400 kilowatts.

Below is a list of the states in which Federal hydroelectric plants are located, showing the amount of capacity installed in each state. The State of Washington has the largest aggregate installation, totaling 1,976,400 kilowatts. The State of Tennessee is second largest with aggregate installations totaling 1,399,800 kilowatts.

<u>State</u>	<u>Total Installed Capacity - Kw</u>	<u>State</u>	<u>Total Installed Capacity - Kw</u>
DISTRICT OF COLUMBIA	3,000	MONTANA	227,820
VIRGINIA	44,000	WYOMING	102,400
NORTH CAROLINA	192,600	IDAHO	49,900
GEORGIA	94,000	COLORADO	74,700
ALABAMA	792,400	ARIZONA	904,900
TENNESSEE	1,399,800	NEVADA	579,900
KENTUCKY	431,200	NEW MEXICO	24,300
MICHIGAN	16,400	CALIFORNIA	577,600
ARKANSAS	207,400	OREGON	522,400
TEXAS	71,200	WASHINGTON	1,976,400
SOUTH DAKOTA	1,200		

The Columbia River Basin contains the largest total installation in Federal hydroelectric plants amounting to 2,691,520 kilowatts. The Tennessee River Basin is a close second with an aggregate installation of 2,360,540 kilowatts. Third in order is the Colorado River Basin with 1,628,000 kilowatts. Shown below is a list of the river basins in which Federal hydroelectric plants are located, together with the aggregate capacity installed in each basin.

<u>River Basin</u>	<u>Total Installed Capacity - Kw</u>	<u>River Basin</u>	<u>Total Installed Capacity - Kw</u>
POTOMAC	3,000	WHITE	190,400
ROANOKE	44,000	MISSOURI	241,700
MOBILE-ALABAMA	74,000	COLORADO	1,628,000
TENNESSEE	2,360,540	RIO GRANDE	24,300
CUMBERLAND	475,460	COLUMBIA	2,691,520
ST. MARY'S	16,400	SACRAMENTO-	
RED	88,200	SAN JOAQUIN	456,000

As noted previously the new capacity under construction by the Federal Government as of January 1, 1953 totaled 6,340,450 kilowatts. This new capacity consists of 229,100 kilowatts additional capacity being installed in five existing plants; 342,500 kilowatts to complete the initial installations at three new plants, partially installed as of that date, with 306,500 kilowatts having been placed in operation; and 5,768,850 kilowatts of initial capacity in 37 new plants under construction. Provision is made at the 37 new plants for ultimate installations totaling 7,332,350 kilowatts.

Sixty-three dam and reservoir projects have been authorized for power but as yet are not under construction. The planned ultimate installation at these, plants totals 7,928,550 kilowatts.

Table 7 lists the Federal hydroelectric plants in operation, under construction, and authorized, showing the present or initial capacity, capacity under construction, and the planned ultimate capacity. (See pages 94 to 96.)

UNDEVELOPED HYDROELECTRIC POWER

The Commission estimates and assembles data on the undeveloped hydroelectric power resources of the principal river basins of the country by making use of data obtained during the course of comprehensive river basin surveys, made either in connection with the Commission's hydroelectric power project licensing work or in cooperation with other Federal agencies, and by using information obtained from investigations made by other Federal agencies and by other interests, public and private. The Commission's estimates are based on the rated capacity of generators that would normally be installed at the power sites, assuming reasonable regulation of flow by storage, with allowance for depletions by irrigation and other consumptive use, and on the assumption that each site will be developed to achieve, in conjunction with the development of other sites, the best over-all development of the water resources of the river basin for power and other multiple uses. The estimates of generation represent average annual generation of energy at these hydroelectric developments.

The estimates of undeveloped water power include projects with respect to which economic feasibility has been demonstrated, as well as projects at sites where physical conditions indicate engineering feasibility and promise of economic feasibility sometime in the future. The estimates with respect to the latter class of projects are subject to revision either by increase or decrease as additional information becomes available concerning stream flow, reservoir sites, costs, and other pertinent factors.

The undeveloped hydroelectric power picture is constantly changing as new projects are constructed, and as continuing studies by Federal, State and local public, and private interests uncover new potential projects, or their investigations demonstrate the desirability of modifications of older plans. Hence, estimates of undeveloped hydroelectric power must be revised from time to time as new studies are made and additional information is obtained. Although some of these potential projects may, upon detailed investigation, be found infeasible and impracticable of development from physical, or economic, or other standpoints, the projects taken in the aggregate serve to indicate, from a long-range view, the over-all water power potentialities of the United States and the water power resources available for possible future development.

The present estimate of undeveloped hydroelectric power in the United States is 87,992,100 kilowatts, with a corresponding average annual generation of about 378,508 million kilowatt-hours. This estimate includes nearly 6,531,800 kilowatts now under construction and scheduled for completion during the next few years.

There are many power sites already developed which have been studied, with the view to possible redevelopment at some future time, resulting in increased installation and generation at the site. Such sites are included in the list of undeveloped power sites, with appropriate designation, and the figures shown represent the resulting increments in capacity and generation which would result from redevelopment of the existing site. The total power available at the site after redevelopment can be obtained by adding the increment to the present amount shown

for the site in the table of existing power plants. In cases where a change in the head utilized at the site results from the redevelopment, the total head as redeveloped is shown in the undeveloped power listing. There are also cases when it may be possible at some future time to install additional capacity in an existing plant, such addition either being provided for in the original design of the plant or made possible by modification of the plant. This additional capacity and corresponding incremental generation, appropriately designated, are included in the listing of undeveloped sites.

Distribution by Major Drainages and River Basins

Table 8 summarizes by major drainages and river basins the estimated undeveloped hydroelectric power in the United States, showing for the United States and each major drainage and river basin the estimated aggregate installed capacity and corresponding average annual generation. (See pages 97 and 98.)

Fifty-four percent of the country's undeveloped hydroelectric power is in the river basins west of the Continental Divide, comprising the North Pacific, South Pacific, Colorado River, and Great Basin drainages. The aggregate installed capacity in this area is 47,524,400 kilowatts at 907 sites, with a corresponding average annual generation of 226,974 million kilowatt-hours.

The North Pacific drainage, which includes the Columbia River Basin, has the largest amount of undeveloped hydroelectric power of all the major drainages, totaling 33,994,800 kilowatts at 581 sites, with a corresponding average annual generation of 159,323 million kilowatt-hours. The aggregate installed capacity in this drainage represents 39 percent of the total estimated undeveloped power of the country. The bulk of the undeveloped power in this drainage is in the Columbia River Basin, amounting to 30,218,500 kilowatts at 388 sites, with a corresponding average annual generation of 139,012 million kilowatt-hours. The Columbia River and tributaries have the largest amount of undeveloped power of any river system in the country. The main stem of the Columbia has estimated undeveloped power of 9,408,500 kilowatts, and five tributaries of the Columbia each have undeveloped power of over 1,000,000 kilowatts as follows: Snake, 10,408,200 kilowatts; Clark Fork, 4,107,200 kilowatts; Willamette, 1,303,300 kilowatts; Cowlitz, 1,263,200 kilowatts; and Kootenai, 1,139,000 kilowatts. The only other river system in the North Pacific drainage having a million or more kilowatts of undeveloped power is the Skagit River in the State of Washington with 1,061,600 kilowatts.

The South Pacific drainage comprises all the river basins in California west of the Sierra Nevada Mountains and includes the Klamath River Basin which drains a portion of the State of Oregon. It represents about nine percent of the country's undeveloped power totaling 7,776,600 kilowatts at 208 sites, with a corresponding average annual generation of 39,610 million kilowatt-hours. River basins in this drainage having aggregate undeveloped power of 1,000,000 or more kilowatts are: Sacramento, 3,562,200 kilowatts, which includes 1,445,600 kilowatts in the Feather River Basin and 1,078,000 kilowatts in the American River Basin; San Joaquin, including Tulare Basin and Buena Vista Lake Basin, 2,406,300 kilowatts; and Klamath, 1,299,500 kilowatts, of which 217,000 kilowatts are in the Oregon portion of the basin.

The Colorado River drainage contains about six percent of the country's total undeveloped power, amounting to 5,239,900 kilowatts at 85 sites, with a corresponding average annual generation of 25,497 million kilowatt-hours. The Colorado main stream has about 3,562,500 kilowatts. None of its tributaries has as much as 1,000,000 kilowatts, the nearest approach being the Green River with 744,200 kilowatts.

The remainder of the undeveloped power west of the Continental Divide is on streams in the Great Basin drainage amounting to 513,100 kilowatts at 33 sites, or about 0.6 percent of the United States total. The corresponding average annual generation is 2,545 million kilowatt-hours. The largest concentration of undeveloped power is in the streams emptying into the Great Salt Lake, totaling about 300,000 kilowatts.

The Mississippi River Basin is second after the Columbia River Basin in estimated total undeveloped hydroelectric power, with a total of 21,686,600 kilowatts. This river system comprises the Lower Mississippi River, Upper Mississippi River, Ohio River, and Missouri River drainages. The Missouri River drainage is the second largest drainage in terms of undeveloped power with a total capacity of 9,129,300 kilowatts at 193 sites, and a corresponding average annual generation of 43,747 million kilowatt-hours. The Missouri River Basin's total undeveloped power includes 4,349,500 kilowatts on the main stem of the Missouri, 2,722,000 kilowatts in the Yellowstone River Basin, and 1,137,500 kilowatts in the Platte River Basin.

The largest concentration of undeveloped hydroelectric power east of the Mississippi River is in the North Atlantic drainage with an estimated aggregate capacity of about 7,400,000 kilowatts at 200 sites, representing about 8.5 percent of the United States total. The corresponding average annual generation is about 20,035 million kilowatt-hours. The largest amount of undeveloped hydroelectric power in the North Atlantic drainage is in the Susquehanna River Basin, totaling about 2,124,000 kilowatts. The second basin in order of magnitude is the Delaware River with about 1,000,000 kilowatts. The Connecticut River Basin approaches the Delaware River in total amount with something over 900,000 kilowatts capacity.

The Ohio River drainage, with 6,734,000 kilowatts aggregate installed capacity at 111 sites, and a corresponding average annual generation of 25,455 kilowatt-hours, represents about 7.7 percent of the United States total. It is fifth in order of magnitude of all drainages and second largest of the drainages east of the Mississippi River. The main stem of the Ohio has a total of about 2,045,000 kilowatts of undeveloped power. The Kanawha River has about 1,252,000 kilowatts and is the only Ohio River tributary with a million or more kilowatts. The Monongahela River has about 910,000 kilowatts, with the Cumberland and Tennessee following in order, having 569,300 kilowatts and 613,600 kilowatts, respectively.

The Lower Mississippi River drainage has about 5.8 percent of the United States total, with an aggregate capacity of 5,105,000 kilowatts at 98 sites and a corresponding average annual generation of 14,473 million kilowatt-hours. Undeveloped power on the main stem of the Mississippi, below the mouth of the Missouri River, totals about 1,476,000 kilowatts, and the White and Arkansas Rivers have about 1,457,000 kilowatts and 1,097,000 kilowatts, respectively.

The South Atlantic drainage has about 4,013,000 kilowatts at 113 sites, with a corresponding average annual generation of 11,234 million kilowatt-hours. There are about 3,355,000 kilowatts of undeveloped power at 157 sites in the Great Lakes-St. Lawrence drainage, having a corresponding average annual generation of 18,195 million kilowatt-hours. The undeveloped power in the Eastern Gulf drainage totals 2,991,900 kilowatts at 73 sites, with a corresponding average annual generation of 11,850 million kilowatt-hours. Each of the three drainages has one river basin with aggregate installations of one million or more kilowatts. These rivers are: Savannah in the South Atlantic, with 1,279,000 kilowatts; Niagara in the Great Lakes-St. Lawrence, with 1,250,000 kilowatts; and Mobile-Alabama in the Eastern Gulf, with 1,973,700.

The Western Gulf drainage has slightly over 1,000,000 kilowatts of undeveloped power at 65 sites, with a corresponding average annual generation of 3,128 million kilowatt-hours. The Rio Grande has the largest amount of undeveloped power in the drainage, totaling 460,000 kilowatts.

The Upper Mississippi River and Hudson Bay drainages together have less than 1,000,000 kilowatts of undeveloped power at 112 sites, with the aggregate average annual generation of 3,416 million kilowatt-hours. Capacity totals for these drainages are: Upper Mississippi River, 718,300 kilowatts; and Hudson Bay, 20,200 kilowatts. The largest amount of undeveloped power in each of these drainages is: Rainy River in the Hudson Bay drainage, with 20,000 kilowatts; and Iowa River in the Upper Mississippi River drainage, with 113,100 kilowatts.

Table 9 lists by river basins, grouped according to major drainages, the individual undeveloped power sites and shows the name of the project or site, the location by river and state, installed capacity, average annual generation, and gross head. The site names are those given in the various reports used as sources of information for the data. In instances where no name for a site is known, the designation given in reports used as information sources has been used. On the main stem of the Missouri River there are several reaches of the river where there is potential power that has not yet been developed, but no specific sites have been studied. In these instances the undeveloped power is indicated in the list as a block of undeveloped power between certain designated points on the river. Similar treatment is given to blocks of undeveloped power on the Yellowstone River in Montana, and the Tombigbee River in Alabama and Mississippi. (See pages 99 to 138.)

The order of arrangement of sites in a river basin starts, as with developed power, at the mouth of the river and follows up the river system with the sites on the tributary streams being listed as each tributary is reached. Sites on the main stem are listed according to their location between tributaries.

Sites on boundary rivers between states are shown as located in the two adjoining states. The total capacity and generation at such sites are arbitrarily considered as being divided equally between the adjoining states, and in Table 11 where the listing of the undeveloped power sites is made by geographic divisions and states, it will be found that each of the adjoining states is assigned one-half of the total installed capacity and generation.

At sites where redevelopments are involved the increments in capacity and generation resulting from the redevelopment are shown, and the gross head shown is the head resulting from the redevelopment. All sites of this type are designated by the letter "R".

At sites which are presently developed but at which additions to capacity or generation are possible, the letter "A" so designates them and the capacity and generation listed are increments to present capacity and generation.

Distribution by Geographic Divisions and States

Table 10 gives a summary by geographic divisions and states of the undeveloped hydroelectric power in the United States showing for each geographic division and state the aggregate installed capacity and corresponding average annual generation. (See page 139.)

The largest amounts of undeveloped hydroelectric power are in the Pacific division, which comprises the States of Washington, Oregon, and California, totaling 30,507,900 kilowatts at 644 sites with a corresponding average annual generation of 155,504 million kilowatt-hours, representing 35 percent of the total undeveloped

power in the country. The State of Washington, with a total capacity of 16,246,100 kilowatts, has the largest aggregate undeveloped power among the three Pacific division states as well as among all of the 48 states.

About 18,712,000 kilowatts of the Pacific division total are in the Columbia River Basin, representing about 62 percent of the total undeveloped power in the basin, and about 20 percent of the Pacific division total, or 5,968,500 kilowatts, is in the Sacramento-San Joaquin Basin. The coastal streams of Washington, Oregon, and California account for another 5,600,000 kilowatts, divided among the three states as follows: Washington, 2,300,000 kilowatts; Oregon, 1,700,000 kilowatts; and California, 1,600,000 kilowatts. The small remainder of the undeveloped power in the Pacific division is in the portions of the Colorado River and Great Basin drainages which drain the eastern part of California.

The Mountain division, which has the second largest total amount of undeveloped hydroelectric power, aggregating 21,894,700 kilowatts at 412 sites with a corresponding average annual generation of 95,277 million kilowatt-hours, includes portions of six major drainages. These six drainages contribute the following undeveloped power:

<u>Drainage</u>	<u>Thousand Kilowatts</u>
NORTH PACIFIC (COLUMBIA RIVER)	11,506
MISSOURI RIVER	4,496
GREAT BASIN (GREAT SALT LAKE TRIBUTARIES)	323
COLORADO RIVER	5,188
WESTERN GULF (RIO GRANDE)	277
LOWER MISSISSIPPI RIVER (ARKANSAS RIVER)	105

The South Atlantic division is the third largest division in total amount of undeveloped hydroelectric power, having an aggregate capacity of about 8,678,000 kilowatts at 199 sites and a corresponding average annual generation of about 26,800 million kilowatt-hours. Its major power producing river systems are: Savannah River, in the South Atlantic drainage, with about 1,279,000 kilowatts; Kanawha River, in the Ohio River drainage, with about 1,252,000 kilowatts; and Apalachicola River, in the Eastern Gulf drainage, with about 893,000 kilowatts.

The Middle Atlantic division - containing the St. Lawrence and Niagara Rivers in the Great Lakes-St. Lawrence drainage, the Hudson, Delaware, and Susquehanna in the North Atlantic drainage, and the headwater tributaries of the Ohio River - is fourth among the geographic divisions. The aggregate undeveloped power totals 6,415,300 kilowatts at 105 sites having a corresponding average annual generation of 24,330 million kilowatt-hours. The Susquehanna River, with about 2,124,000 kilowatts, is the largest single source of undeveloped power in the division, representing about one-third of the total for the division.

The West North Central division, with 6,388,850 kilowatts at 161 sites and a corresponding average annual generation of about 27,000 million kilowatt-hours, has the fifth largest total amount of the country's undeveloped power. The Missouri River drainage contributes about 4,633,000 kilowatts, or 72 percent of the total for the division.

The six states in the New England division have a total undeveloped hydroelectric power of about 3,233,000 kilowatts at 151 sites with a corresponding average annual generation of about 9,800 million kilowatt-hours. The State of Maine leads in total amount of undeveloped power in New England with about 1,604,000 kilowatts. This State's principal streams from the point of view of undeveloped

power are, Kennebec, 534,000 kilowatts; Penobscot, 435,500 kilowatts; Androscoggin, 370,000 kilowatts; and St. John, 258,000 kilowatts. The Connecticut River system, which drains portions of four states - of New Hampshire, Vermont, Massachusetts, and Connecticut - has the largest amount of undeveloped power, with about 934,000 kilowatts. There is no undeveloped power in the State of Rhode Island.

The East South Central and West South Central divisions have about 4,168,000 and 3,616,000 kilowatts, respectively, and corresponding average annual generations of about 17,000 million and 10,000 million kilowatt-hours. Eighty-nine sites are on rivers in the East South Central division. The East South Central division has its chief source of undeveloped power in the Mobile-Alabama and Tennessee River Basins which contribute, respectively, about 1,770,000 kilowatts and 379,000 kilowatts. The West South Central has no streams with large amounts of undeveloped power. Those with over 100,000 kilowatts are: Red River, 889,000 kilowatts; Brazos River, 220,000 kilowatts; Rio Grande, 180,000 kilowatts; and Colorado (Texas) River, 138,000 kilowatts.

The East North Central division has the smallest amount of undeveloped hydroelectric power, totaling about 3,092,000 kilowatts at 152 sites with a corresponding average annual generation of about 12,800 million kilowatt-hours.

Table 11 lists by states, grouped by geographic divisions, the individual undeveloped power sites and shows the name of the project or site, river on which located, installed capacity, average annual generation, and gross head. Within a state, the projects or sites are listed by river location arrangement. The site names or designations are those given in the various reports used as sources of information for the data. For explanation of the blocks of power shown in the listing of sites on the main stems of the Missouri, Yellowstone, and Tombigbee Rivers, see description of Table 9. (Table 11 is shown on pages 140 to 165.)

The capacity and average annual generation at sites located on boundary rivers between states are arbitrarily considered as being divided equally between the adjoining states and each state is assigned one-half of the total installation and generation. In such cases the site listed in the table is indicated by the letter "S". The head given in the table is the total head at the site.

At sites involving redevelopment, the increments in capacity and average annual generation over the existing development, are shown in the table, and the head shown is the redeveloped head. Such sites are designated by the letter "R".

At sites which are presently developed but at which additions to capacity or generation are possible, the amount of the addition is shown in the table. Such sites are designated by the letter "A".

PERCENTAGE DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES

The total developed and undeveloped hydroelectric power in the United States, is estimated at approximately 109,456,000 kilowatts, of which 21,464,000 kilowatts, or 20 percent of the total, are at present developed. There has been a rapidly increasing trend in hydroelectric power development in the last 10 to 15 years in connection with the multiple use of water resources. In 1920, the total capacity installed in hydroelectric plants was only 4,803,000 kilowatts, or four percent of the presently estimated hydroelectric power resources. The increase in percentage development in the period since 1920 is shown in the following table.

Year*	Installed Capacity Kw	Percentage Development
1920	4,803,000	4
1930	9,685,000	9
1940	12,304,000	11
1950	18,675,000	17
1952	21,464,000	20

* As of end of year.

By Major Drainages and Selected River Basins

Table 12 shows by major drainages and selected river basins the total installed capacity at existing developments, the estimated undeveloped capacity, and the sum of the two, together with the percentage development. The selected river basins comprise most of the principal basins in the United States and have existing installations totaling 17,600,136 kilowatts, or about 82 percent of the aggregate. The undeveloped capacity in these basins totals 72,674,400 kilowatts, or about 83 percent of the estimated aggregate undeveloped hydroelectric power in the country. The chart in figure 3a shows the distribution of developed and undeveloped power by major drainages. (See page 116 for Table 12; page 168 for Figure 3a.)

The North Pacific drainage, with the largest amounts of developed and undeveloped power, is about 13 percent developed. The Ohio River drainage, which has the second largest amount of developed power, is about 36 percent developed, and the Missouri River drainage, which has the second largest amount of undeveloped power, is only about eight percent developed. The percentages of development for the several drainages range from about eight percent in the Missouri River drainage to about 46 percent in the Great Basin drainage.

Considering those basins which have estimated hydroelectric power resources of one million or more kilowatts capacity, the Ohio (exclusive of the Tennessee and Cumberland sub-basins), Arkansas and Missouri River Basins have the smallest percentage of developed power, amounting to about eight percent for each of them. The Tennessee River Basin has the largest percentage with about 82 percent. The Columbia River Basin is about 12 percent developed. Eight of the selected basins, with one million or more total capacity, have percentages of development which are above the national average.

By Geographic Divisions and States

Table 13 gives information similar to that given in Table 12 but by geographic divisions and states. The East South Central Division has the largest percentage development, amounting to about 45 percent. This division contains the majority of the Tennessee Valley Authority plants. The smallest percentage development is in the West North Central division with nine percent. Excluding the states which have either no developed power or no undeveloped power, the percentages of development range from 84 percent in Nevada to one percent in South Dakota. As indicated in the table, the States of North Dakota, Mississippi, and Louisiana have no existing development. The distribution of developed and undeveloped power by geographic divisions is shown by the chart in figure 3b. (See page 167 for Table 13; page 168 for figure 3b.)

TABLE I
 INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
 OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1953

Totals by Major Drainages and River Basins

Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
United States	21,463,872	112,479,008			
North Atlantic	2,268,243	9,631,998	Ohio River (Cont'd)		
South Atlantic	1,455,576	4,913,790	Walash	21,304	71,818
Eastern Gulf	728,448	2,992,890	Kentucky	30,540	76,000
Ohio River	3,794,291	18,073,298	Miami	3,775	14,620
Great Lakes-St. Lawrence	1,545,285	9,180,921	Kanawha	259,800	1,157,000
Hudson Bay	16,456	73,715	Beaver	200	760
Upper Mississippi River	616,916	3,003,547	Monongahela	69,200	169,000
Missouri River	783,111	4,209,546	Allegheny	28,800	80,000
Lower Mississippi River	465,407	1,671,318			
Western Gulf	284,400	898,668	Great Lakes-St. Lawrence		
Colorado	1,773,655	7,851,400	Coaticook	125	200
Great Basin	445,272	1,615,574	Clyde	5,800	17,400
North Pacific	4,856,012	34,342,642	Missisquoi	5,055	18,500
South Pacific	2,430,800	14,019,701	Lamoille	21,340	77,271
			Winooski	17,600	72,300
North Atlantic			Otter Creek	24,405	83,670
St. John	2,300	5,300	Poultney	2,510	11,000
St. Croix	11,152	55,500	Ticonderoga	5,240	23,600
Pennamaquan	96	600	Bouquet	1,164	4,600
Machias	1,670	5,300	Ausable	4,702	13,370
Union	8,900	24,000	Saranac	28,275	169,700
Penobscot	87,601	495,959	Great Chazy	3,600	11,700
Megunticook	1,065	2,480	Chateaugay	720	5,200
Kennebec	131,981	619,140	Salmon	4,710	33,418
Androscoggin	139,039	767,730	St. Regis	7,745	44,760
Presumpscot	10,660	60,802	Raquette	62,712	367,489
Saco	43,585	215,300	Grass	56,350	538,000
Mousam	2,056	2,290	Oswegatchie	38,223	163,297
Salmon Falls	10,164	28,280	Black	96,241	508,593
Merrimack	99,939	336,440	Salmon	31,450	102,710
Charles	747	1,070	Oswego	57,271	257,330
Neponset	775	1,040	Salmon Creek	250	300
Providence	11,012	24,330	Genesee	49,590	188,500
Thames	21,012	59,120	Oak Orchard Creek	6,800	26,200
Connecticut	522,521	1,893,920	18 Mile Creek	1,000	2,300
Housatonic	90,106	211,470	Niagara	419,487	3,879,000
Long Island Basins	40	-	Cattaraugus Creek	500	2,000
Hudson	345,661	1,578,984	Cuyahoga	2,099	7,790
Passaic	6,330	38,700	Sandusky	3,000	5,000
Raritan	300	600	Maumee	5,425	9,700
Great Egg	384	740	Raisin	865	3,390
Maurice	500	2,600	Huron	10,015	33,638
Delaware	70,883	167,733	Saginaw	15,060	31,600
Susquehanna	626,620	2,922,500	Au Sable	41,090	139,370
Patapsco	772	4,270	Thunder Bay	7,120	21,700
Potomac	17,102	84,500	Cheboygan	4,360	11,300
Rappahannock	3,270	21,300	St. Marys	58,640	355,000
			Cedar, Boyne & Rapid	2,960	7,900
South Atlantic			Boardman	4,330	13,500
James	59,552	253,020	Betsie	600	3,000
Chowan	2,160	9,500	Manistee	38,868	103,730
Roanoke	77,453	477,600	Pentwater	260	1,000
Pamlico	1,600	4,500	Muskegon	48,300	158,620
Neuse	1,835	7,400	Grand	14,325	50,843
Cape Fear	9,968	31,900	Kalamazoo	8,863	39,400
Yadkin-Pee Dee	226,417	1,065,810	St. Joseph	33,256	127,600
Santee	846,819	2,383,660	Milwaukee	175	200
Savannah	204,112	570,400	Fox	30,266	170,610
Altamaha	25,180	108,300	Oconto	3,450	11,900
St. Johns	480	1,700	Peshtigo	22,724	73,640
			Menominee	92,160	470,800
Eastern Gulf			Escanaba	12,200	42,433
Withlacoochee	3,213	14,000	Manistique	1,000	1,300
Ocklockonee	8,800	20,000	Au Train	896	4,700
Apalachicola	134,718	668,070	Carp	4,480	19,295
Choctawhatchee	1,480	7,000	Dead	17,300	81,948
Escambia	7,640	34,200	Falls	100	500
Mobile-Alabama	572,597	2,249,620	Sturgeon	2,200	9,500
			Ontonagon	12,000	68,000
Ohio River			Montreal	2,570	19,700
Ohio (Main)	80,320	390,000	Bad	1,450	6,300
Tennessee	2,824,892	14,631,100	Iron	896	1,400
Cumberland	475,460	1,488,000	Eau Claire	257	1,000
			St. Louis	88,860	451,206

TABLE I - Cont'd.

INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1953

Totals by Major Drainages and River Basins

Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
Hudson Bay			Great Basins (Cont'd)		
Red	6,256	29,400	Owens	226,607	943,700
Rainy	10,200	44,315	Humboldt Lake	440	3,100
Upper Mississippi River			Duck Valley Creek	840	1,900
Mississippi (Main)	196,898	1,163,904	Great Salt Lake	179,200	472,374
Illinois	30,979	114,220	Little Salt Lake	600	2,200
Des Moines	5,525	21,400	Beaver	3,625	19,400
Skunk	760	700	Sevier Lake	2,120	10,100
Iowa	6,258	18,150			
Rock	13,948	65,478	North Pacific		
Wapsipinicon	1,120	2,600	Nooksack	1,500	7,700
Maquoketa	3,393	9,400	Skagit	382,125	2,517,786
Turkey	942	1,400	Snohomish	20,300	152,000
Wisconsin	150,277	778,696	Cedar	22,856	103,000
Upper Iowa	1,080	3,000	Puyallup	87,500	478,851
Root	977	2,500	Nisqually	118,900	600,300
La Crosse	415	2,500	Deschutes	1,750	6,000
Black	5,795	18,900	Hood Canal	124,000	300,000
Zumbro	1,840	6,000	Elwha	20,532	140,000
Chippewa	153,627	603,305	Quinalt	250	600
Cannon	1,900	9,200	Columbia Basin:		
St. Croix	32,689	143,974	Columbia (Main)	2,626,000	20,750,400
Minnesota	3,320	14,600	Lewis	91,000	482,000
Elk	344	1,000	Willamette	120,269	605,000
Sauk	150	120	Washougal	750	4,500
Crow Wing	3,470	19,100	Sandy	21,000	95,000
Pine	125	-	Herman Creek	280	-
Prairie	1,084	3,400	White Salmon	9,600	91,000
Missouri River			Hood	6,150	45,280
Missouri (Main)	286,700	2,260,990	Deschutes	7,210	46,500
Osage	138,225	395,099	John Day	1,100	3,600
Kansas	6,480	21,000	Walla Walla	1,360	11,600
Platte	285,913	1,134,680	Snake	434,995	2,574,785
Big Sioux	1,500	7,000	Yakima	12,070	78,100
Niobrara	4,320	13,700	Wenatchie	8,200	53,000
White	250	600	Chelan	48,000	467,500
Cheyenne	11,271	46,637	Okanogan	3,200	19,069
Yellowstone	39,452	259,629	Spokane	147,855	1,047,800
Madison	9,000	70,211	Colville	1,200	7,500
Lower Mississippi River			Clark Fork	400,270	2,824,071
Red	157,924	408,418	Kootenai	6,880	26,000
Arkansas	99,995	375,200	Total - Columbia Basin	3,947,389	29,232,705
White	207,488	887,700	Siuslaw	150	500
Western Gulf			Umpqua	83,000	431,900
Brazos	22,500	89,138	Rogue	45,760	371,300
Colorado (Tex.)	202,250	574,000			
Guadalupe	19,860	70,030	South Pacific		
Rio Grande	39,790	165,500	Klamath	58,080	284,170
Colorado River			Russian	8,800	58,000
Colorado (Main)	1,612,400	7,225,100	Sacramento Basin:		
Gila	89,590	306,800	Sacramento (Main)	454,000	2,210,000
Yuma Canal	1,600	15,000	American	45,730	285,200
All American Canal	24,400	145,000	Feather	495,930	2,729,100
Virgin	2,890	12,000	Butte Creek	19,400	118,800
Bright Angel Creek	200	20	Battle Creek	30,200	178,900
Little Colorado	90	400	Cow Creek	4,200	28,600
San Juan	8,350	23,100	Pit	277,350	1,594,000
Fremont	150	700	Total - Sacramento Basin	1,326,810	7,144,600
Green	2,500	8,400	San Joaquin Basin:		
Mill Creek	50	300	San Joaquin (Main)	278,580	1,818,100
Dolores	5,600	26,980	Mokelumne	207,750	1,081,700
Gunnison	1,832	12,500	Stanislaus	63,700	404,000
Rifle Creek	125	1,200	Tuolumne	104,490	760,957
Roaring Fork	1,120	2,000	Merced	30,440	154,874
Eagle	358	980	N. Fk. San Joaquin	21,140	121,200
Blue	22,400	70,920	Big Creek	204,750	1,328,700
Great Basin			Total - San Joaquin Basin	910,850	5,669,531
Truckee	9,400	72,400	Tulare Basin	44,650	269,800
Carson	1,640	12,300	Buena Vista Lake	64,680	494,100
Mono Lake	20,800	78,100	Santa Maria	3,000	14,000
			Santa Ana	10,920	75,900
			San Luis Rey	240	300
			Escondido Creek	520	4,800
			Salton Sea	2,250	4,500

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NORTH ATLANTIC</u>						
<u>ST JOHN</u>						
MAINE PUBLIC SERVICE CO	CARIBOU	AROSTOOK	MAINE	800	4,500	12
MAINE PUBLIC SERVICE CO	SQUA PAN	SQUA PAN STREAM	MAINE	1,500	800	30
				2,300	5,300	
<u>ST CROIX</u>						
ST CROIX PAPER CO	*WOODLAND	ST CROIX	MAINE	1,500	7,500	48
ST CROIX PAPER CO	*GRAND FALLS	ST CROIX	MAINE	9,652	48,000	52
				11,152	55,500	
<u>PENNAQUAN</u>						
LUBEC WTR AND ELEC DEPT	WHITING	ORANGE	MAINE	96	600	-
				96	600	
<u>MACHIAS</u>						
BANGOR HYDRO ELECTRIC CO	MACHIAS	MACHIAS	MAINE	350	1,700	25
BANGOR HYDRO ELECTRIC CO	EAST MACHIAS	E MACHIAS	MAINE	1,320	3,600	30
				1,670	5,300	
<u>UNION</u>						
BANGOR HYDRO ELECTRIC CO	ELLSWORTH	UNION	MAINE	8,900	24,000	60
				8,900	24,000	
<u>PENOBSCOT</u>						
CENTRAL MAINE POWER CO	EAST ORLAND	TODDY POND STREAM	MAINE	500	1,900	125
CITY OF BANGOR ELEC DEPT	BANGOR CITY	PENOBSCOT	MAINE	700	3,700	10
BANGOR HYDRO ELECTRIC CO	VEAZIE	PENOBSCOT	MAINE	8,400	50,000	17
BANGOR HYDRO ELECTRIC CO	ORONO	STILLWATER	MAINE	2,332	10,000	25
BANGOR HYDRO ELECTRIC CO	STILLWATER	STILLWATER	MAINE	1,950	7,500	20
PENOBSCOT CHEMICAL CO	*GREAT WORKS	PENOBSCOT	MAINE	5,554	31,000	17
BANGOR HYDRO ELECTRIC CO	MILFORD	PENOBSCOT	MAINE	7,800	45,000	18
BANGOR HYDRO ELECTRIC CO	HOWLAND	PISCATAQUIS	MAINE	1,875	10,900	16
AMERICAN WOOLEN CO INC	*DOVER FOXCROFT	PISCATAQUIS	MAINE	854	680	22
BANGOR HYDRO ELECTRIC CO	MILFORD	SEBEC	MAINE	320	1,500	11
CENTRAL MAINE POWER CO	GREENVILLE	WILSON STREAM	MAINE	576	1,000	85
BANGOR HYDRO ELECTRIC CO	STANFORD	PENOBSCOT	MAINE	3,800	28,900	20
GREAT NORTHERN PAPER CO	*MATTASEUNK	PENOBSCOT	MAINE	19,200	109,000	40
BANGOR HYDRO ELECTRIC CO	MEDWAY	PENOBSCOT	MAINE	3,440	30,879	18
GREAT NORTHERN PAPER CO	*DOLBY	W BR PENOBSCOT	MAINE	14,100	93,000	49
GREAT NORTHERN PAPER CO	*MILLINOCKET	W BR PENOBSCOT	MAINE	8,000	44,000	110
GREAT NORTHERN PAPER CO	*NORTH TWIN	W BR PENOBSCOT	MAINE	8,200	27,000	29
				87,601	495,959	
<u>MEGUNTICOOK</u>						
SEABRIGHT WOVEN FELT CO	*CAMDEN	MEGUNTICOOK	MAINE	240	380	-
CENTRAL MAINE POWER CO	BEFAST	GOOSE	MAINE	425	600	103
CENTRAL MAINE POWER CO	DAMARISCOTTA	DAMARISCOTTA LAKE	MAINE	400	1,500	66
				1,065	2,480	
<u>KENNEBEC</u>						
WARREN S D CO	*COPSECOOK	COBBOSEEE POND	MAINE	300	860	17
WINTHROP MILLS	*WINTHROP	MARANCOOK POND	MAINE	100	340	23
HUDSON PULP PAPER CO	*AUGUSTA	KENNEBEC	MAINE	375	2,500	22
BATES MFG CO	*EDWARDS DIVISION	KENNEBEC	MAINE	2,550	8,500	22
CENTRAL MAINE POWER CO	UNION GAS	MESSALONSKEE STR	MAINE	1,500	3,900	35
CENTRAL MAINE POWER CO	AUTOMATIC	MESSALONSKEE STR	MAINE	800	2,300	23
CENTRAL MAINE POWER CO	RICE RIPS	MESSALONSKEE STR	MAINE	1,600	4,300	42
CENTRAL MAINE POWER CO	OAKLAND	MESSALONSKEE STR	MAINE	2,800	8,000	66
AMERICAN WOOLEN CO INC	*NO VASSALBORO	CHINA LAKE OUTLET	MAINE	280	310	30
CENTRAL MAINE POWER CO	FORT HALIFAX	SEBASTICOOK	MAINE	1,500	6,400	22
CENTRAL MAINE POWER CO	BURNHAM	SEBASTICOOK	MAINE	1,050	3,000	27
AMERICAN WOOLEN CO INC	*PIONEER	W BR SEBASTICOOK	MAINE	250	660	10
CENTRAL MAINE POWER CO	BANGS	KENNEBEC	MAINE	126	-	14
LOCKWOOD CO	*WATERVILLE	KENNEBEC	MAINE	4,800	24,000	21
HOLLINGSWORTH AND WHITNEY	*T AND A MILLS	KENNEBEC	MAINE	3,730	25,500	23
CENTRAL MAINE POWER CO	SHAWMUT	KENNEBEC	MAINE	4,650	34,000	22
CENTRAL MAINE POWER CO	WESTON	KENNEBEC	MAINE	12,000	82,000	32
MADISON TOWN OF	MADISON	SANDY	MAINE	450	1,500	15
WILTON WOOLEN CO	*WILTON	WILTON POND OUTLET	MAINE	120	120	18
HOLLINGSWORTH AND WHITNEY	*ABENAEUS	KENNEBEC	MAINE	1,650	5,400	42
GREAT NORTHERN PAPER CO	*MADISON	KENNEBEC	MAINE	6,000	51,550	20
CENTRAL MAINE POWER CO	WILLIAMS	KENNEBEC	MAINE	13,000	79,000	42

SEE FOOTNOTES AT END TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN				INSTALLED	AV. ANNUAL	GROSS
NAME OF OWNER	NAME OF PLANT	RIVER	STATE	CAPACITY KW	GENERATION 1,000 KWH	HEAD FT.
<u>KENNEBEC CONT'D</u>						
CENTRAL MAINE POWER CO	WYMAN	KENNEBEC	MAINE	72,000	275,000	138
STRATTON LT CO	EUSTIS	N BR DEAD	MAINE	250	-	12
CENTRAL MAINE POWER CO	DENNISTOWN	CROCKER POND	MAINE	100	200	215
				<u>131,981</u>	<u>619,140</u>	
<u>ANDROSCOGGIN</u>						
VERNEY BRUNSWICK MILLS	*BRUNSWICK	ANDROSCOGGIN	MAINE	2,430	9,200	14
CENTRAL MAINE POWER CO	BRUNSWICK	ANDROSCOGGIN	MAINE	1,473	11,300	19
PEJEPSCOT PAPER CO	*PEJEPSCOT	ANDROSCOGGIN	MAINE	1,100	4,000	22
WORUMBO MFG CO	*WORUMBO	ANDROSCOGGIN	MAINE	900	3,300	19
CENTRAL MAINE POWER CO	NORWAY	PENNESSEEWASSEE	MAINE	280	200	52
PEPPERELL MFG CO	*LEWISTON	ANDROSCOGGIN	MAINE	100	230	35
LIBBEY W S CO	*LEWISTON	ANDROSCOGGIN	MAINE	800	2,700	28
CONTINENTAL MILLS	*LEWISTON	ANDROSCOGGIN	MAINE	1,776	8,600	22
BATES MANUFACTURING CO	*LEWISTON	ANDROSCOGGIN	MAINE	5,960	16,700	28
BATES MANUFACTURING CO	*HILL DIVISION	ANDROSCOGGIN	MAINE	2,160	9,500	25
BATES MANUFACTURING CO	*ANDROSCOGGIN	ANDROSCOGGIN	MAINE	2,240	7,800	25
LEWISTON PUBLIC WORKS	LEWISTON	ANDROSCOGGIN	MAINE	700	3,000	25
CENTRAL MAINE POWER CO	ANDROSCOGGIN NO 3	ANDROSCOGGIN	MAINE	3,600	20,000	31
CENTRAL MAINE POWER CO	DEER RIP NO 1	ANDROSCOGGIN	MAINE	6,540	26,000	31
CENTRAL MAINE POWER CO	GULF ISLAND	ANDROSCOGGIN	MAINE	19,200	112,000	55
INTERNATIONAL PAPER CO	*LIVERMORE FALLS	ANDROSCOGGIN	MAINE	3,360	22,000	31
INTERNATIONAL PAPER CO	*OTIS	ANDROSCOGGIN	MAINE	2,680	10,000	24
INTERNATIONAL PAPER CO	*JAY	ANDROSCOGGIN	MAINE	3,000	16,000	14
OXFORD PAPER CO	*OXFORD	ANDROSCOGGIN	MAINE	950	6,100	30
RUMFORD FALLS POWER CO	ISLAND	ANDROSCOGGIN	MAINE	5,775	40,000	50
RUMFORD FALLS POWER CO	UPPER	ANDROSCOGGIN	MAINE	24,000	145,000	99
BROWN CO	*SHELburnE	ANDROSCOGGIN	N. H.	3,720	14,000	17
BROWN CO	*GORHAM	ANDROSCOGGIN	N. H.	4,800	26,000	30
PUBLIC SERVICE CO OF N H	GORHAM	ANDROSCOGGIN	N. H.	2,150	15,300	20
BROWN CO	*CASCADe	ANDROSCOGGIN	N. H.	7,200	48,000	45
BROWN CO	*CROSS POWER	ANDROSCOGGIN	N. H.	3,220	19,000	23
PUBLIC SERVICE CO OF N H	SMITH STATION	ANDROSCOGGIN	N. H.	15,000	83,000	87
BROWN CO	*RIVERSIDE	ANDROSCOGGIN	N. H.	11,400	74,000	65
BROWN CO	*BERLIN	ANDROSCOGGIN	N. H.	2,200	14,000	16
OQUOSSOC LT AND POWER CO	KENNEBAGO	KENNEBAGO	MAINE	325	800	32
				<u>139,039</u>	<u>767,730</u>	
<u>PRESUMPCOT</u>						
WARREN S D CO	*SMELT HILL	PRESUMPCOT	MAINE	900	4,040	14
WARREN S D CO	*CUMBERLAND	PRESUMPCOT	MAINE	600	632	22
WARREN S D CO	*SACCARAPPA	PRESUMPCOT	MAINE	1,350	10,580	28
CENTRAL MAINE POWER CO	MALLISON	PRESUMPCOT	MAINE	1,000	5,600	20
WARREN S D CO	*DUNDEE	PRESUMPCOT	MAINE	2,400	16,200	51
CENTRAL MAINE POWER CO	NORTH GORHAM	PRESUMPCOT	MAINE	2,250	11,700	34
WARREN S D CO	*EEL WEIR	PRESUMPCOT	MAINE	1,800	11,650	40
CENTRAL MAINE POWER CO	BRIDGTON	WILLET	MAINE	360	400	50
				<u>10,660</u>	<u>60,802</u>	
<u>SACO</u>						
CENTRAL MAINE POWER CO	CATARACT	SACO	MAINE	6,650	41,000	44
BATES MFG CO	*YORK DIVISION	SACO	MAINE	1,000	4,700	20
CENTRAL MAINE POWER CO	SKELTON	SACO	MAINE	16,800	75,000	74
CENTRAL MAINE POWER CO	BAR MILLS	SACO	MAINE	1,600	6,000	17
CENTRAL MAINE POWER CO	WEST BUXTON	SACO	MAINE	6,625	24,000	27
CENTRAL MAINE POWER CO	BONNY EAGLE	SACO	MAINE	7,200	42,000	38
CENTRAL MAINE POWER CO	LEDGEMERE	LITTLE OSSIPEE	MAINE	320	600	21
CORNISH KEZAR FLS L PR CO	KEZAR FALLS	OSSIPEE	MAINE	350	1,400	16
CENTRAL MAINE POWER CO	HIRAM	SACO	MAINE	2,400	19,000	79
SWANS FALLS COMPANY	FREYBURG	SACO	MAINE	640	1,600	13
				<u>43,585</u>	<u>215,300</u>	
<u>MOUSAM</u>						
KENNEBUNK LT AND PWR DIST	KENNEBUNK	MOUSAM	MAINE	150	600	-
KENNEBUNK LT AND PWR DIST	WEST KENNEBUNK	MOUSAM	MAINE	206	400	18
YORK UTILITIES CO	*OLD FALLS	MOUSAM	MAINE	1,000	370	62
YORK UTILITIES CO	*ESTES	MOUSAM	MAINE	500	780	36
GOODALL SANFORD INC	*SANFORD SPRINGVALE	MOUSAM	MAINE	200	140	17
				<u>2,056</u>	<u>2,290</u>	
<u>SALMON FALLS</u>						
NEW HAMPSHIRE G AND EL CO	NEWMARKET	LAMPREY	N. H.	650	2,400	25
PUBLIC SERVICE CO OF N H	DOVER HYDRO	COCHECO	N. H.	480	800	30

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF OWNER						
SALMON FALLS CONT'D						
WYANDOTTE WORSTED CO	*ROCHESTER	COCHEGO	N. H.	100	380	22
CENTRAL MAINE POWER CO	SOUTH BERWICK	SALMON FALLS	MAINE	1,200	2,800	20
CENTRAL MAINE POWER CO	GREAT WORKS	SALMON FALLS	MAINE	500	1,000	32
PUBLIC SERVICE CO OF N H	SALMON FALLS	SALMON FALLS	N. H.	2,000	6,600	45
PUBLIC SERVICE CO OF N H	GREAT FALLS LOWER	SALMON FALLS	MAINE	1,600	3,300	30
PUBLIC SERVICE CO OF N H	GREAT FALLS UPPER	SALMON FALLS	N. H.	2,600	8,000	65
SPAULDING FIBER CO INC	*EAST ROCHESTER	SALMON FALLS	N. H.	250	400	
SPAULDING FIBRE CO INC	*MILTON N ROCHESTER	SALMON FALLS	N. H.	612	1,900	129
PUBLIC SERVICE CO OF N H	MILTON	SALMON FALLS	N. H.	172	700	14
				10,164	28,280	
MERRIMACK						
AMESBURY ELEC LIGHT CO	NO 5	POWOW	MASS.	800	1,900	65
AMESBURY ELEC LIGHT CO	NO 6	POWOW	MASS.	360	-	29
AMESBURY ELEC LIGHT CO	LAKE GARDNER	POWOW	MASS.	150	300	16
EVERETT MILL PROPERTIES	*EVERETT MILLS	MERRIMACK	MASS.	1,000	1,700	26
PATCHOGUE PLYMOUTH MILLS	*LAWRENCE	MERRIMACK	MASS.	360	700	29
SHOE LACE CORP	*LAWRENCE	MERRIMACK	MASS.	200	380	29
MERRIMAC PAPER CO INC	*MERRIMAC	MERRIMACK	MASS.	900	2,300	30
CHAMPION INTERNATIONAL CO	*LAWRENCE	MERRIMACK	MASS.	1,200	5,400	26
PACIFIC MILLS	*WORSTED	MERRIMACK	MASS.	3,320	15,500	30
LAWRENCE GAS AND ELEC CO	LAWRENCE	MERRIMACK	MASS.	1,870	200	30
MERRIMAC MILLS CO	*METHUEN	SPRICKET	MASS.	265	320	-
TALBOT MILLS	*NORTH BILLERICA	CONCORD	MASS.	300	350	-
AMERICAN WOOLEN CO INC	*ASSABET	ASSABET	MASS.	150	310	22
METROPOLITAN DIST COMM	SUDBURY	SUDBURY	MASS.	1,160	4,500	-
MERRIMACK MFG CO	*LOWELL	MERRIMACK	MASS.	5,150	13,800	40
LOWELL IND DEVELOPMENT CO	*LOWELL	MERRIMACK	MASS.	5,395	8,900	40
JACKSON PROPERTIES INC	*LOWELL	MERRIMACK	MASS.	1,050	1,900	40
BOOTT MILLS	*LOWELL	MERRIMACK	MASS.	2,750	4,700	40
NEWMARKET MFG CO	*LOWELL	MERRIMACK	MASS.	1,180	5,400	40
AMERICAN WOOLEN CO INC	*BEAVER	BEAVER BROOK	MASS.	180	170	-
ABBOT WORSTED CO	*FORGE VILLAGE	STONY BROOK	MASS.	85	150	-
TEXTRON INC	*NASHUA MILL	NASHUA	N. H.	5,040	8,200	36
ST REGIS PAPER CO	*PEPPERELL	NASHUA	MASS.	1,920	5,600	28
SAMSON CORDAGE WORKS	*SHIRLEY	SHIRLEY RESERVOIR	MASS.	125	10	-
METROPOLITAN DIST COMM	WACHUSETT	S BR NASHUA	MASS.	3,200	8,100	98
METROPOLITAN DIST COMM	OAKDALE	QUABBIN AQUEDUCT	MASS.	3,500	6,000	-
FALULAH PAPER CO	*FITCHBURG	NORTH NASHUA	MASS.	140	100	12
CROCKER BURBANK AND CO	*FITCHBURG	NORTH NASHUA	MASS.	760	1,200	98
AMERICAN WOOLEN CO	*ARDEN	NORTH NASHUA	MASS.	100	100	-
HILLSBOROUGH MILLS	*HILLSBOROUGH	SOUHEGAN	N. H.	600	870	38
GREENVILLE MILLS INC	*GREENVILLE	JOUHEGAN	N. H.	1,000	750	-
GREENVILLE EL LT CO	GREENVILLE	SOUHEGAN	N. H.	200	300	-
PUBLIC SERVICE CO OF N H	KELLEYS FALLS	PISCATAQUOG	N. H.	1,000	2,000	21
PUBLIC SERVICE CO OF N H	GREGGS FALLS	PISCATAQUOG	N. H.	3,000	6,800	65
PUBLIC SERVICE CO OF N H	JEFFERSON	AMOSKEAG CANAL	N. H.	2,000	4,900	47
PUBLIC SERVICE CO OF N H	AMOSKEAG	MERRIMACK	N. H.	16,000	73,000	46
PUBLIC SERVICE CO OF N H	HOOKSETT	MERRIMACK	N. H.	1,600	10,800	14
TEXTRON INC	*ALLENSTOWN	SUNCOOK	N. H.	2,780	4,900	-
PUBLIC SERVICE CO OF N H	GARVIN FALLS	MERRIMACK	N. H.	7,200	37,500	30
CONCORD ELECTRIC CO	SEWALLS FALLS	MERRIMACK	N. H.	2,000	12,900	16
HOAGUE SPRAGUE CO	*WEST HOPKINTON	CONTOCOOK	N. H.	200	100	20
PUBLIC SERVICE CO OF N H	JACKMAN	CONTOCOOK	N. H.	3,200	8,000	178
MONADNOCK PAPER CO	*BENNINGTON	CONTOCOOK	N. H.	1,000	2,400	-
PUBLIC SERVICE CO OF N H	FRANKLIN	WINNEPESAUKEE	N. H.	350	2,500	18
SULLOWAY HOSIERY MILLS	*FRANKLIN	WINNEPESAUKEE	N. H.	480	620	16
STEVENS M T AND SONS CO	*FRANKLIN MILL	WINNEPESAUKEE	N. H.	600	740	11
PUBLIC SERVICE CO OF N H	LOCHMERE	WINNEPESAUKEE	N. H.	800	4,400	16
ALLEN ROGERS	*LACONIA	WINNEPESAUKEE	N. H.	96	200	-
BELMONT HOSIERY CO	*BELMONT	TIOGA	N. H.	120	370	59
SCOTT AND WILLIAMS INC	*LAKEPORT	LAKE PAUGUS	N. H.	125	500	8
PUBLIC SERVICE CO OF N H	ALTON BAY	MERRYMEETING	N. H.	120	300	18
PUBLIC SERVICE CO OF N H	NEW DURHAM	LAKE OUTLET	N. H.	180	500	52
PUBLIC SERVICE CO OF N H	MERRY MEETING	LAKE OUTLET	N. H.	240	400	62
PUBLIC SERVICE CO OF N H	EASTMAN FALLS	PEMIGEWASSET	N. H.	3,000	15,800	33
PUBLIC SERVICE CO OF N H	BRISTOL NO 10	NEWFOUND	N. H.	200	400	24
PUBLIC SERVICE CO OF N H	BRISTOL NO 8	NEWFOUND	N. H.	168	600	16
PUBLIC SERVICE CO OF N H	AYERS ISLAND	PEMIGEWASSET	N. H.	8,400	40,000	80
FRANCONIA PAPER CO	*LINCOLN	PEMIGEWASSET	N. H.	670	4,500	50
				99,939	336,440	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CHARLES</u>						
BOSTON EDISON CO	MOODY STREET	CHARLES	MASS.	250	800	12
NEW ENGLAND SPUN SILK CO	*NEWTON	CHARLES	MASS.	197	150	12
UNITED WASTE CO	*DEDHAM MILLS	CHARLES	MASS.	300	120	
				747	1,070	
<u>NEPONSET</u>						
WEYMOUTH LT AND POWER CO	IRON HILL	HERRING BROOK	MASS.	200	-	40
GENERAL FOODS CORPN	*WALTER BAKER	NEPONSET	MASS.	525	840	9
BOSTON EDISON CO	PLIMPTONVILLE	NEPONSET	MASS.	50	200	17
				775	1,040	
<u>PROVIDENCE</u>						
WESTOVER FABRICS INC	*WEST WARWICK	PAWTUXET	R. I.	500	800	-
BERKSHIRE FINE SPIN ASSN	*COVENTRY	PAWTUXET	R. I.	600	850	24
INTERLAKEN MILLS	*HARRIS	N BR PAWTUXET	R. I.	180	390	19
INTERLAKEN MILLS	*DYE FINISH	N BR PAWTUXET	R. I.	150	210	18
VALLEY LACE CO	*HOPE MILL	N BR PAWTUXET	R. I.	460	710	26
CITY OF PROVIDENCE	SCITUATE DAM	N BR PAWTUXET	R. I.	1,500	4,000	-
BLACKSTONE VAL G AND E CO	PAWTUCKET NO 2	BLACKSTONE	R. I.	1,000	2,600	16
TEXTRON INC	MILL NO 4	BLACKSTONE	R. I.	540	1,600	10
TEXTRON INC	*LINCOLN BLEACHERY	BLACKSTONE	R. I.	375	1,800	23
BERKSHIRE FINE SPIN ASSN	*ALBION	BLACKSTONE	R. I.	512	1,000	12
CRESCENT CORP	*MANVILLE	BLACKSTONE	R. I.	900	3,200	18
BLACKSTONE VAL G AND E CO	WOONSOCKET NO 1	BLACKSTONE	R. I.	375	500	12
WOONSOCKET FALLS MILL	*MAIN MILL	BLACKSTONE	R. I.	390	480	18
WOONSOCKET FALLS MILL	*CLINTON BLEACHERY	BLACKSTONE	R. I.	250	150	18
TEXTRON INC	BLACKSTONE ML	BLACKSTONE	R. I.	1,500	3,100	32
WILLIAM HELLINS CO INC	*FORESTDALE	BRANCH	R. I.	400	160	15
KENDALL CO	*SLATERSVILLE	BRANCH	R. I.	320	800	35
WHITIN MACHINE WORKS	*WHITINSVILLE	MUMFORD	MASS.	580	850	26
KUPFER BROS CO	*RIVERDALE	BLACKSTONE	MASS.	150	400	9
WHITIN PAUL MFG CO	*NORTHBRIDGE	BLACKSTONE	MASS.	200	390	11
WUSKANUT WORSTED MILLS	*FARNUMSVILLE	BLACKSTONE	MASS.	130	340	9
				11,012	24,330	
<u>THAMES</u>						
BERKMAN REALTY CO	*FITCHVILLE	YANTIC	CONN.	250	350	22
BOZRAH ELECTRIC CO	GILMAN	YANTIC	CONN.	250	500	29
U S FINISHING CO	*NORWICH	SHETUCKET	CONN.	525	1,000	15
NORWICH CITY OF	GREENVILLE	SHETUCKET	CONN.	800	5,000	16
THE CONN LIGHT AND PWR CO	TUNNEL	QUINEBAUG	CONN.	2,000	9,800	25
UNITED MERCH AND MFGS MGT	*JEWETT	QUINEBAUG	CONN.	1,300	1,900	23
ASPINOOK CORPN	*JEWETT CITY	QUINEBAUG	CONN.	1,105	2,800	23
THE FLOYD CRANSKA COMPANY	*MOOSUP	MOOSUP	CONN.	133	70	8
BRUNSWICK WORSTED MILL	*MOOSUP	MOOSUP	CONN.	250	380	20
WAUREGAN MILLS INC	*WAUREGAN	QUINEBAUG	CONN.	1,400	4,500	19
POWDRELL AND ALEXANDER	*DANIELSON NO 2	FIVE MILE	CONN.	450	750	26
PRYM WILLIAM INC	*DAYVILLE	FIVE MILE	CONN.	200	200	-
UXBRIDGE WORSTED CO INC	*PUTNAM	QUINEBAUG	CONN.	800	2,300	32
NEW ENGLAND CHEMICAL CO	*PUTNAM	QUINEBAUG	CONN.	250	570	17
BELDING HEMINWAY CO	*PUTNAM	QUINEBAUG	CONN.	312	780	17
CLUETT PEABODY AND CO INC	*GROSVERNORDALE	FRENCH	CONN.	500	950	206
AMERICAN WOOLEN CO INC	*WEBSTER	FRENCH	MASS.	120	220	17
RHODE ISLAND CARDBOARD CO	*WEST DUDLEY	QUINEBAUG	MASS.	495	330	11
AMERICAN OPTICAL CO	*SOUTHBRIDGE	QUINEBAUG	MASS.	200	620	12
AMES WORSTED CO	*SOUTHBRIDGE	QUINEBAUG	MASS.	700	950	17
RUSSELL HARRINGTON CO	*SOUTHBRIDGE	QUINEBAUG	MASS.	240	620	-
SOUTHBRIDGE FIN SHING CO	*SOUTHBRIDGE	QUINEBAUG	MASS.	175	600	-
PONEMAH MILLS	*TAFTVILLE	SHETUCKET	CONN.	1,770	5,000	26
PARKE DAVIS AND CO	*VERSAILLES	LITTLE	CONN.	150	290	21
INLAND PAPER BOARD CO INC	*VERSAILLES	LITTLE	CONN.	87	110	-
ANGUS PARK WOOLEN CO INC	*HANOVER	LITTLE	CONN.	100	270	28
NORWICH CITY OF	OCUM	SHETUCKET	CONN.	800	3,500	13
BALTIC MILLS CO	*BALTIC	SHETUCKET	CONN.	1,600	3,700	28
THE CONN LIGHT AND PWR CO	SCOTLAND DAM	SHETUCKET	CONN.	2,000	7,300	26
AMERICAN THREAD CO	*WILLIMANTIC	WILLIMANTIC	CONN.	1,605	3,300	63
JOHNSON CYRIL WOOLEN CO	*STAFFORD SPRINGS	FURNACE	CONN.	100	130	15
STAFFORD WORSTED CO	*STAFFORD SPRINGS	FURNACE	CONN.	225	80	15
RHODE ISLAND WORSTED CO	*STAFFORD SPRINGS	MIDDLE	CONN.	120	250	19
				21,012	59,120	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF OWNER						
CONNECTICUT						
AMERICAN PAPER GOODS CO	*KENSINGTON	MATTABESSET	CONN.	150	210	-
CHENEY BROTHERS	*MANCHESTER	HOCKANUM	CONN.	600	700	40
U S ENVELOPE CO	*WHITE CORBIN	HOCKANUM	CONN.	80	50	16
AMERICAN DYEING CORPN	*ROCKVILLE	HOCKANUM	CONN.	50	50	-
FARMINGTON RIVER POWER CO	RAINBOW	FARMINGTON	CONN.	8,000	28,000	60
THE HARTFORD ELEC LT CO	TARIFFVILLE	FARMINGTON	CONN.	1,500	9,200	29
THE CONNECTICUT POWER CO	UNIONVILLE	FARMINGTON	CONN.	1,600	7,900	35
COLLINS CO	*COLLINSVILLE	FARMINGTON	CONN.	2,000	7,300	18
THE CONN LIGHT AND PWR CO	ROBERTSVILLE	MAD	CONN.	500	1,700	53
GILBERT WM L CLOCK CO	*WINSTED	MAD	CONN.	120	170	19
DEXTER C H AND SONS INC	*WINDSOR LOCKS	CONNECTICUT	CONN.	800	2,400	27
CLARK GEORGE P CO	*WINDSOR	CONNECTICUT	CONN.	140	200	28
SOUTHWORTH CO	*WEST SPRINGFIELD	WESTFIELD	MASS.	150	700	-
STRATHMORE PAPER CO	*WEST SPRING	WESTFIELD	MASS.	1,400	4,800	32
WESTERN MASS ELEC CO	COBBLE MOUNTAIN	WESTFIELD LITTLE	MASS.	33,000	20,000	456
STRATHMORE PAPER CO	*WORONOCO	WESTFIELD	MASS.	2,690	8,000	50
WESTFIELD RIVER PAPER CO	*RUSSELL	WESTFIELD	MASS.	700	2,800	22
TEXTRON INC	*RUSSELL	WESTFIELD	MASS.	920	1,700	-
U S GOV ARMORY	*SPRINGFIELD	MILL	MASS.	375	240	-
WESTERN MASS ELEC CO	DWIGHT	CHICOPEE	MASS.	2,080	9,900	34
WESTERN MASS ELEC CO	INDIAN ORCHARD	CHICOPEE	MASS.	4,900	12,000	35
LUDLOW MFG CO	*LUDLOW	CHICOPEE	MASS.	3,200	15,000	44
LUDLOW MFG CO	*RED BRIDGE	CHICOPEE	MASS.	3,600	17,000	51
NEW ENGLAND POWER CO	THREE RIVERS	CHICOPEE	MASS.	3,200	8,000	28
METROPOLITAN DIST COMM	WINSOR	SWIFT	MASS.	1,200	4,800	-
CENTRAL MASS ELECTRIC CO	BLANCHARDVILLE	QUABAUG	MASS.	375	1,200	16
WARE INDUSTRIES INC	*WARE	WARE	MASS.	1,010	2,200	-
BARRE WOOL COMBING CO LTD	*SOUTH BARRE	WARE	MASS.	150	800	21
HOLYOKE WATER POWER CO	HADLEY FALLS	CONNECTICUT	MASS.	15,000	64,000	54
CHEMICAL PAPER MFG CO	*HOLYOKE	CONNECTICUT	MASS.	1,600	8,000	23
LIVINGSTON WORSTED MILLS	*HOLYOKE	CONNECTICUT	MASS.	300	1,200	12
HOLYOKE WATER POWER CO	NO 1	CONNECTICUT	MASS.	7,640	44,000	30
AMERICAN WRITING PAP CORP	*HOLYOKE MILL	CONNECTICUT	MASS.	3,510	9,700	39
PARSONS PAPER CO	*HOLYOKE	CONNECTICUT	MASS.	732	900	20
HOLYOKE GAS AND ELEC DEPT	HOLYOKE	CONNECTICUT	MASS.	2,306	10,600	20
CROCKER MCLEWAIN CO	*HOLYOKE	CONNECTICUT	MASS.	520	1,500	20
AMERICAN THREAD CO	*MERRICK	CONNECTICUT	MASS.	375	1,000	20
SKINNER WM AND SONS CO	*HOLYOKE	CONNECTICUT	MASS.	300	600	20
HOLYOKE WATER POWER CO	BEEBEE-HOLBROOK	CONNECTICUT	MASS.	500	2,500	20
PRENTISS GEO W AND CO	*HOLYOKE	CONNECTICUT	MASS.	120	800	20
HOLYOKE WATER POWER CO	NO 2	CONNECTICUT	MASS.	2,900	18,000	20
UNITED ELASTIC CO	*EASTHAMPTON	MANHAN	MASS.	150	90	-
HAMPTON MILLS INC	*EASTHAMPTON	MANHAN	MASS.	120	80	-
WESTERN MASS ELEC CO	GREEN RIVER	GREEN	MASS.	75	200	10
NEW ENGLAND POWER CO	DEERFIELD NO 2	DEERFIELD	MASS.	4,800	34,000	65
WESTERN MASS ELEC CO	GARDNER FALLS	DEERFIELD	MASS.	3,980	16,800	39
NEW ENGLAND POWER CO	DEERFIELD NO 3	DEERFIELD	MASS.	4,800	37,000	68
NEW ENGLAND POWER CO	DEERFIELD NO 4	DEERFIELD	MASS.	4,800	32,000	68
KENDALL CO	*GRISWOLDVILLE	NORTH	MASS.	180	380	22
NEW ENGLAND POWER CO	DEERFIELD NO 5	DEERFIELD	MASS.	15,000	83,000	245
NEW ENGLAND POWER CO	SHERMAN	DEERFIELD	MASS.	7,200	28,000	80
NEW ENGLAND POWER CO	HARRIMAN	DEERFIELD	MASS.	33,600	96,000	390
HOUGHTON N SAWYER	*SADAWGA	SADAWGA BROOK	VT.	360	600	-
NEW ENGLAND POWER CO	SEARSBURG	VT.	VT.	4,000	27,000	232
WESTERN MASS ELEC CO	CABOT	CONNECTICUT	MASS.	51,000	243,350	61
WESTERN MASS ELEC CO	TURNERS FALLS	CONNECTICUT	MASS.	4,840	8,650	48
ESLEECK MANUFACTURING CO	*TURNERS FALLS	CONNECTICUT	MASS.	450	250	42
KEITH PAPER CO	*TURNERS FALLS	CONNECTICUT	MASS.	937	4,800	47
MILLERS FALLS PAPER CO	*MILLERS FALLS	MILLERS	MASS.	1,300	5,000	-
ATHOL MFG CO	*ATHOL	MILLERS	MASS.	240	610	15
*STARRETT L S CO	*ATHOL	MILLERS	MASS.	362	200	-
WINCHENDON EL LT AND P CO	WHITNEY	MILLERS	MASS.	256	600	21
HINSDALE PAPER MFG CO	*HINSDALE	ASHUELOT	N. H.	350	1,900	-
TROY BLANKET MILLS	*TROY	S BR ASHUELOT	N. H.	100	110	-
NEW HAMPSHIRE G AND EL CO	TROY	S BR ASHUELOT	N. H.	120	-	26
PUBLIC SERVICE CO OF N H	MINNEWAWA	MINNEWAWA BROOK	N. H.	1,600	3,600	255
CONNECTICUT RIVER PWR CO	VERNON	CONNECTICUT	N.H.-VT.	24,400	135,000	34
CENTRAL VT PUB SER CORP	DUMMERSTON	WEST	VT.	720	2,000	26
NEW ENGLAND POWER CO	BELLOWS FALLS	CONNECTICUT	VT.	40,800	225,000	62
SPRINGFIELD TERMINAL Rwy	*GOULDS MILLS	BLACK	VT.	400	260	-
FELLOWS GEAR SHAPER CO	*SPRINGFIELD	BLACK	VT.	525	670	11
SLACK JOHN T CORPN	*SPRINGFIELD	BLACK	VT.	150	720	75

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CONNECTICUT CONT'D</u>							
	CENTRAL VT PUB SERV CORP	PERKINSVILLE	BLACK	VT.	360	300	22
	CENTRAL VT PUB SERV CORP	CAVENDISH	BLACK	VT.	1,320	6,100	120
	COY PAPER CO	*WEST CLAREMONT	SUGAR	N. H.	500	1,300	-
	CLAREMONT PAPER CO INC	*CLAREMONT	SUGAR	N. H.	800	2,800	27
	CONN VALLEY ELEC CO INC	CLAREMONT	SUGAR	N. H.	250	900	20
	CONN VALLEY ELEC CO INC	BROAD STREET	SUGAR	N. H.	480	900	30
	INTERNATIONAL SHOE CO	*NEWPORT	SUGAR	N. H.	180	100	18
	DORR WOOLEN CO	*NO 1	SUGAR	N. H.	120	260	27
	PUBLIC SERVICE CO OF N H	WENDELL	SUNAPEE	N. H.	500	1,900	65
	PUBLIC SERVICE CO OF N H	SUNAPEE	SUNAPEE	N. H.	400	1,500	65
	CENTRAL VT PUB SERV CORP	LOWER WINDSOR	MILL BROOK	VT.	147	300	40
	A G DEWEY COMPANY	*QUECHEE	OTTAUQUECHEE	VT.	360	370	41
	WOODSTOCK ELECTRIC CO	TAFTSVILLE	OTTAUQUECHEE	VT.	500	-	17
	BRIDGEWATER ELECTRIC CO	BRIDGEWATER	OTTAUQUECHEE	VT.	150	400	15
	GRANITE STATE ELECTRIC CO	WEST LEBANON NO 4	MASCOMA	N. H.	1,300	5,400	73
	GRANITE STATE ELECTRIC CO	WEST LEBANON NO 2	MASCOMA	N. H.	224	400	16
	GRANITE STATE ELECTRIC CO	LEBANON NO 1	MASCOMA	N. H.	140	500	19
	E CUMMINGS AND BRO INC	*LEBANON	MASCOMA	N. H.	192	450	-
	AMERICAN WOOLEN CO INC	*LEBANON	MASCOMA	N. H.	150	250	15
	AMERICAN WOOLEN CO INC	*ENFIELD	MASCOMA	N. H.	150	270	14
	CENTRAL VT PUB SERV CORP	BETHEL	WHITE	VT.	560	800	16
	BETHEL MILLS INC	*BETHEL	WHITE	VT.	150	450	-
	NEW ENGLAND POWER CO	WILDER	CONNECTICUT	N.H.-VT.	32,400	139,000	51
	CENTRAL VT PUB SERV CORP	BRADFORD	WAITS	VT.	360	1,900	76
	GREEN MOUNTAIN POWER CORP	BOLTONVILLE NO 11	WELLS	VT.	470	700	68
	WOODVILLE PRECINCT OF	WOODSVILLE	AMMONOOSUC	N. H.	400	800	-
	PUBLIC SERVICE CO OF N H	LISBON	AMMONOOSUC	N. H.	300	900	16
	LITTLETON WTR AND LT DEPT	LITTLETON	AMMONOOSUC	N. H.	300	1,100	19
	PUBLIC SERVICE CO OF N H	BETHLEHEM	AMMONOOSUC	N. H.	300	1,300	46
	CONNECTICUT RIVER PWR CO	MCINDOES	CONNECTICUT	N. H.	10,560	46,000	29
	GREEN MOUNTAIN POWER CORP	JOES DANVILLE 15	JOES BROOK	VT.	1,000	2,500	180
	CENTRAL VT PUB SERV CORP	PASSUMPSIC	PASSUMPSIC	VT.	700	4,100	22
	CENTRAL VT PUB SERV CORP	GAGE	PASSUMPSIC	VT.	700	3,100	22
	CENTRAL VT PUB SERV CORP	ARNOLD FALLS	PASSUMPSIC	VT.	350	1,300	17
	CENTRAL VT PUB SERV CORP	PIERCE MILLS	PASSUMPSIC	VT.	250	1,300	17
	LYNDONVILLE VILLAGE OF	VAILE STATION	PASSUMPSIC	VT.	350	200	15
	LYNDONVILLE VILLAGE OF	NO 1	PASSUMPSIC	VT.	600	4,400	61
	CONNECTICUT RIVER PWR CO	COMERFORD	CONNECTICUT	N. H.	140,400	310,000	175
	GILMAN PAPER CO	*GILMAN	CONNECTICUT	VT.	2,990	15,000	27
	GROVETON PAPERS CO	*NORTHUMBERLND	CONNECTICUT	N. H.	950	3,400	-
	PUBLIC SERVICE CO OF N H	LYMAN FALLS	CONNECTICUT	VT.	1,200	6,200	30
	PUBLIC SERVICE CO OF N H	CANAAN	CONNECTICUT	VT.	1,100	7,400	35
					522,521	1,893,920	
<u>HOUSATONIC</u>							
	THE DERBY GAS AND ELEC CO	HOUSATONIC	HOUSATONIC	CONN.	800	3,100	18
	AMERICAN BRASS CO	*ANSONIA	NAUGATUCK	CONN.	570	3,100	35
	THE CONN LIGHT AND PWR CO	STEVENSON	HOUSATONIC	CONN.	29,250	86,500	68
	THE CONN LIGHT AND PWR CO	LITCHFIELD	BANTAM	CONN.	320	1,300	62
	THE CONN LIGHT AND PWR CO	ROCKY RIVER	ROCKY	CONN.	36,600	18,000	230
	THE CONN LIGHT AND PWR CO	BULLS BROGE	HOUSATONIC	CONN.	8,400	45,000	107
	THE CONNECTICUT POWER CO	FALLS VILLAGE	HOUSATONIC	CONN.	9,000	43,000	92
	S BERKSHIRE PWR AND EL CO	GREAT BARRINGTON	HOUSATONIC	MASS.	500	2,000	12
	S BERKSHIRE PWR AND EL CO	ROCKDALE	WILLIAMS	MASS.	400	1,800	68
	RISING PAPER CO	*HOUSATONIC	HOUSATONIC	MASS.	692	1,200	27
	MONUMENT MILLS	*NO 1 AND NO 3	HOUSATONIC	MASS.	1,000	2,400	41
	HURLBUT PAPER CO	*SOUTH LEE	HOUSATONIC	MASS.	461	1,700	19
	SWERTITZER-PETER J INC	*LEE	HOUSATONIC	MASS.	1,723	2,000	24
	WYANDOTTE WORSTED CO	*PITTSFIELD	HOUSATONIC	MASS.	120	170	13
	CRANE AND CO	*ALL PLANTS	HOUSATONIC	MASS.	150	160	60
	SAWYER REGAN CO	*DALTON	HOUSATONIC	MASS.	120	40	22
					90,106	211,470	
<u>LONG ISLAND BASINS</u>							
	PATCHOGUE PLYMOUTH MILLS	*PATCHOGUE	PATCHOGUE CR	N. Y.	40	-	-
					40		
<u>HUDSON</u>							
	GEO JUENGST AND SONS	CROTON FALLS	E BR CROTON	N. Y.	590	2,200	-
	GROVEVILLE CORP	*BEACON	FISH KILL CR	N. Y.	520	1,100	-
	TEXAS CO	*BEACON LABORATORY	FISH KILL CR	N. Y.	180	1,000	-
	BRAENDLY DYE WORKS INC	*BEACON	FISH KILL CR	N. Y.	100	270	-

SEE FOOTNOTES AT END OF TABLE

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By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF OWNER						
<u>HUDSON CONT'D</u>						
LOCKWOOD DUCHESS INC	*WAPPINGERS FALLS	WAPPINGER CR	N. Y.	1,300	5,500	85
CENT HUDSON G AND EL CORP	STURGEON POOL	WALLKILL	N. Y.	14,400	53,262	108
CENT HUDSON G AND EL CORP	DASHVILLE	WALLKILL	N. Y.	4,800	18,342	42
NEW YORK ST EL AND G CORP	WALDEN	WALLKILL	N. Y.	1,475	5,500	36
CENT HUDSON G AND EL CORP	HIGH FALLS	RONDOUT CR	N. Y.	2,120	7,200	48
MARTIN CANTINE CO	*SAUGERTIES	ESOPUS CR	N. Y.	280	1,000	-
NIAGARA MOHAWK PWR CORP	BINGHAM MILLS	JENSENKILL	N. Y.	480	1,400	45
CENT HUDSON G AND EL CORP	CAIRO	CATSKILL CR	N. Y.	700	1,900	40
JUILLIARD A D AND CO INC	*STOTTVILLE	CLAVELACK CR	N. Y.	125	340	18
NIAGARA MOHAWK PWR CORP	STUYVESTANT	KINDERHOOK CR	N. Y.	2,800	15,000	100
FORT ORANGE PAPER CO	*CASTLETON	MOORDENER KILL	N. Y.	150	180	-
FORD MOTOR CO	*GREEN ISLAND	HUDSON	N. Y.	7,200	25,000	16
MANNING J A PAPER CO INC	*TROY	POSTEN KILL	N. Y.	300	600	-
NIAGARA MOHAWK PWR CORP	CHAMPLAIN	MOHAWK	N. Y.	180	1,000	16
NIAGARA MOHAWK PWR CORP	SCHOOL ST COHOES	MOHAWK	N. Y.	38,800	170,000	94
NEW YORK ST DEPT PUB WKS	CRESCENT	MOHAWK	N. Y.	5,600	39,000	28
NEW YORK ST DEPT PUB WKS	VISSCHER FERRY	MOHAWK	N. Y.	5,600	35,000	28
NIAGARA MOHAWK PWR CORP	EPHRATAH	CAROGA CR	N. Y.	5,150	15,000	294
NIAGARA MOHAWK PWR CORP	BEARDSLEE FALLS	E CANADA CR	N. Y.	20,000	50,000	156
NIAGARA MOHAWK PWR CORP	INGHAM MILLS	E CANADA CR	N. Y.	6,400	27,000	124
GREEN DANIEL CO	*DOLGEVILLE	E CANADA CR	N. Y.	320	1,800	-
NIAGARA MOHAWK PWR CORP	DOLGEVILLE	E CANADA CR	N. Y.	1,860	9,400	71
FROST WHITE PAPER MILLS	*SALISBURY	SPRUCE CR	N. Y.	360	1,400	-
NIAGARA MOHAWK PWR CORP	SPRITE CREEK	SPRITE CR	N. Y.	5,840	13,500	407
NIAGARA MOHAWK PWR CORP	LITTLE FALLS	MOHAWK	N. Y.	1,150	8,500	18
BURROWS PAPER CORP	*LITTLE FALLS	MOHAWK	N. Y.	150	330	-
STANDARD FURNITURE CO	*HERKIMER	W CANADA CR	N. Y.	300	1,000	-
NIAGARA MOHAWK PWR CORP	TRENTON FALLS	W CANADA CR	N. Y.	23,200	132,660	264
JUILLIARD A D AND CO INC	*CHADWICKS	SAUQUOIT CR	N. Y.	150	-	25
CASCADE FINISHING CO	*ORISKANY FALLS	ORISKANY CR	N. Y.	125	320	20
NIAGARA MOHAWK PWR CORP	MECHANICVILLE	HUDSON	N. Y.	4,500	31,500	17
WEST VA PULP AND PAPER CO	*MECHANICVILLE	HUDSON	N. Y.	6,310	41,000	23
NIAGARA MOHAWK PWR CORP	SCHAGHTICOKE	HOOSIC	N. Y.	13,120	62,000	153
NIAGARA MOHAWK PWR CORP	JOHNSONVILLE	HOOSIC	N. Y.	4,800	12,300	35
CUSHMAN MFG CO	*NORTH BENNINGTON	PARAN CR	VT.	75	100	15
CENTRAL VT PUB SERV CORP	HOOSIC FALLS	HOOSIC	N. Y.	1,050	3,700	24
SPRAQUE ELECTRIC CO	*BEAVER STREET	HOOSIC	MASS.	250	170	20
NIAGARA MOHAWK PWR CORP	SCHUYLERVILLE	FISH CR	N. Y.	1,200	7,600	61
NIAGARA MOHAWK PWR CORP	VICTORY MILLS	FISH CR	N. Y.	1,280	4,200	40
NIAGARA MOHAWK PWR CORP	MIDDLE FALLS	BATTENKILL	N. Y.	1,040	5,900	51
STEVENS THOMPSON PAPER CO	*GREENWICH	BATTENKILL	N. Y.	750	4,900	15
NEW YORK ST EL G CORP	EAST GREENWICH	BATTENKILL	N. Y.	140	900	10
UNITED PAPER BOARD CO	*THOMSON	HUDSON	N. Y.	1,320	9,000	18
EASTERN NEW YORK PWR CORP	FORT EDWARD	HUDSON	N. Y.	2,850	22,430	21
NIAGARA MOHAWK PWR CORP	BAKER FALLS	HUDSON	N. Y.	2,250	15,400	55
NIAGARA MOHAWK PWR CORP	MOREAU	HUDSON	N. Y.	4,800	42,000	64
FINCH PRUYN AND CO	*GLEN FALLS	HUDSON	N. Y.	3,900	17,000	45
EASTERN NEW YORK PWR CORP	SOUTH GLEN FALLS	HUDSON	N. Y.	3,800	27,200	47
MOREAU MANUFACTURING CORP	FEEDER DAM	HUDSON	N. Y.	6,000	28,000	15
EASTERN NEW YORK PWR CORP	SHERMAN ISLAND	HUDSON	N. Y.	28,800	160,000	67
NIAGARA MOHAWK PWR CORP	SPIER FALLS	HUDSON	N. Y.	44,400	214,000	84
INTERNATIONAL PAPER CO	*PALMER	HUDSON	N. Y.	4,950	30,000	87
INTERNATIONAL PAPER CO	*CURTIS	HUDSON	N. Y.	5,000	22,480	26
NIAGARA MOHAWK PWR CORP	STEWARTS BRIDGE	SACANDAGA	N. Y.	30,000	100,000	100
NIAGARA MOHAWK PWR CORP	E J WEST	SACANDAGA	N. Y.	20,000	70,000	75
NIAGARA MOHAWK PWR CORP	SPECULATOR	SACANDAGA	N. Y.	125	800	51
NIAGARA MOHAWK PWR CORP	BLUE RIDGE	SCHROON	N. Y.	100	500	29
INDIAN LAKE PWR AND LT CO	CEDAR RIVER	CEDAR	N. Y.	146	400	-
				345,661	1,578,984	
<u>PASSAIC</u>						
PATTERSON CITY OF	PATTERSON	PASSAIC	N. J.	3,680	28,000	68
PASSAIC VALLEY WATER COMM	LITTLE FALLS	PASSAIC	N. J.	2,400	10,000	36
ORANGE AND ROCKLAND EL CO	TUXEDO	RAMAPO	N. Y.	250	700	32
				6,330	38,700	
<u>RARITAN</u>						
TAYLOR WHARTON IRON CO	*HIGH BRIDGE	S BR RARITAN	N. J.	300	600	33
				300	600	
<u>GREAT EGG</u>						
MAYS LANDING WTR PWR CO	*MAYS LANDING	GREAT EGG	N. J.	384	740	14
				384	740	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MAURICE</u>						
MILLVILLE MFG CO	*MILLVILLE	MAURICE	N. J.	500 500	2,600 2,600	-
<u>DELAWARE</u>						
BANCROFT JOS AND SONS CO	*WILMINGTON	BRANDYWINE CR	DEL.	600	140	20
PENNSYLVANIA P AND LT CO	WOMELSDORF	TULPEHOCKEN CR	PA.	75	100	9
RIEGEL PAPER CORPN	*RIEGELSVILLE	MUSCONETCONG	N. J.	250	1,100	21
RIEGEL PAPER CORPN	*HUGHESVILLE	MUSCONETCONG	N. J.	444	1,900	27
RIEGEL PAPER CORPN	*WARREN GLEN	MUSCONETCONG	N. J.	720	4,000	50
PENNSYLVANIA P AND LT CO	RAUBSVILLE	DELAWARE-LEHIGH	PA.	1,440	6,000	30
METROPOLITAN EDISON CO	SOUTH SIDE EASTON	LEHIGH	PA.	1,000	3,900	20
NEW JERSEY PWR AND LT CO	COLUMBIA	PAULINS KILL	N. J.	270	800	15
UNION MILLS P MFG CO	NEW HOPE	BROODHEAD CR	PA.	334	700	-
ROCKLAND LIGHT AND PWR CO	RIO	MONGAUP	N. Y.	10,000	33,575	185
ROCKLAND LIGHT AND PWR CO	MONGAUP FALLS	MONGAUP	N. Y.	4,000	20,263	115
ROCKLAND LIGHT AND PWR CO	SWINGING BRIDGE 2	MONGAUP	N. Y.	6,750	11,700	125
ROCKLAND LIGHT AND PWR CO	SWINGING BRIDGE 1	MONGAUP	N. Y.	5,000	7,255	125
PENNSYLVANIA P AND LT CO	WALLENPAUPACK	WALLENPAUPACK CR	PA.	40,000 70,883	76,300 167,733	370
<u>SUSQUEHANNA</u>						
SUSQUEHANNA ELECTRIC CO	CONOWINGO	SUSQUEHANNA	MD.	252,000	1,236,400	88
PENNA WATER AND PWR CO	HOLTWOOD	SUSQUEHANNA	PA.	111,000	598,000	51
PENNSYLVANIA P AND LT CO	ROCK HILL	CONESTOGA CR	PA.	350	1,000	8
PENNSYLVANIA P AND LT CO	SLACKWATER	CONESTOGA CR	PA.	650	2,400	16
SAFE HARBOR WATERPOWER CO	SAFE HARBOR	SUSQUEHANNA	PA.	230,000	918,000	54
INTERNATIONAL PAPER CO	*YORK HAVEN	SUSQUEHANNA	PA.	2,500	15,500	21
METROPOLITAN EDISON CO	YORK HAVEN	SUSQUEHANNA	PA.	19,620	115,000	21
PENNSYLVANIA P AND LT CO	CARLISLE	CONODOQUINET CR	PA.	450	500	9
YEAGERTOWN WATER POWER CO	YEAGERTOWN	KISHACOQUILLAS CR	PA.	300	700	-
PENNSYLVANIA ELEC CO	RAYSTOWN	RAYSTOWN B JUNIATA	PA.	2,100	11,700	32
PENNSYLVANIA ELEC CO	WARRIOR RIDGE	JUNIATA	PA.	1,600	8,900	27
PENNSYLVANIA P AND LT CO	MIDDLE CREEK	MIDDLE CR	PA.	200	1,000	20
NEW YORK ST EL AND G CORP	OWEGO LOWER	OWEGO	N. Y.	560	1,200	16
NEW YORK ST EL AND G CORP	OWEGO UPPER	OWEGO	N. Y.	360	500	8
NORTHERN PENN POWER CO	OAKLAND	SUSQUEHANNA	PA.	600	1,900	9
ELMORE MILLING CO INC	*ONEONTA	SUSQUEHANNA	N. Y.	450	900	-
NEW YORK ST EL AND G CORP	ONEONTA	SUSQUEHANNA	N. Y.	320	900	13
NEW YORK ST EL AND G CORP	COLLIERS	SUSQUEHANNA	N. Y.	3,560 626,620	8,000 2,922,500	30
<u>PATAPSCO</u>						
DICKEY W J AND SONS INC	*OELLA	PATAPSCO	MD.	600	3,600	43
DANIELS C R INC	*DANIELS	PATAPSCO	MD.	172 772	670 4,270	-
<u>POTOMAC</u>						
VIRGINIA EL AND PWR CO	BLANDS FORD	BROAD RUN	VA.	450	700	30
CORPS OF ENGINEERS	DALECARLIA	POTOMAC R CANAL	D. C.	3,000	5,000	140
POTOMAC EDISON CO	MILLVILLE	SHENANDOAH	W. VA.	2,840	18,000	26
POTOMAC EDISON CO	WARREN	SHENANDOAH	VA.	750	4,200	8
VIRGINIA EL AND PWR CO	WOODSTOCK NO 1	N FK SHENANDOAH	VA.	294	600	16
VIRGINIA EL AND PWR CO	WOODSTOCK NO 2	N FK SHENANDOAH	VA.	252	400	16
VIRGINIA EL AND PWR CO	EDINBURG	N FK SHENANDOAH	VA.	144	800	14
POTOMAC EDISON CO	LURAY	S FK SHENANDOAH	VA.	1,600	9,000	14
POTOMAC EDISON CO	NEWPORT	S FK SHENANDOAH	VA.	1,400	9,000	24
POTOMAC EDISON CO	SHENANDOAH	S FK SHENANDOAH	VA.	862	4,800	10
HARRISONBURG MUN EL PLT	HARRISONBURG	S FK SHENANDOAH	VA.	780	5,600	20
POTOMAC EDISON CO	HARPERS FERRY	POTOMAC	W. VA.	840	6,100	26
POTOMAC EDISON CO	ANTIETAM	ANTIETAM CR	MD.	125	700	14
POTOMAC EDISON CO	DAM NO 4	POTOMAC	W. VA.	1,000	7,500	19
CUMBERLAND VAL ELEC CO	MONTGOMERY	CONOCOCHIEAGUE CR	PA.	125	400	7
POTOMAC EDISON CO	DAM NO 5	POTOMAC	W. VA.	1,120	7,600	17
POTOMAC EDISON CO	CACAPON	CACAPON	W. VA.	1,120	3,100	24
ROYAL GLENN PWR CO	ROYAL GLENN	S BR POTOMAC	W. VA.	400 17,102	1,000 84,500	9
<u>RAPPAHANNOCK</u>						
VIRGINIA EL AND PWR CO	EMBREY	RAPPAHANNOCK	VA.	3,150	21,000	51
POTOMAC EDISON CO	MADISON	ROBINSON RUN	VA.	120 3,270	300 21,300	18
<u>NORTH ATLANTIC TOTAL</u>				<u>2,268,243</u>	<u>9,631,998</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF OWNER						
<u>SOUTH ATLANTIC</u>						
<u>JAMES</u>						
ALLIED CHEM DYE CO	*HOPEWELL	APPOMATTOX	VA.	7,500	27,500	-
VIRGINIA EL AND PWR CO	HARVELL	APPOMATTOX	VA.	500	2,500	11
VIRGINIA EL AND PWR CO	LOCKS	APPOMATTOX	VA.	4,565	20,000	73
VIRGINIA EL AND PWR CO	MANCHESTER	JAMES	VA.	1,000	2,200	17
VIRGINIA EL AND PWR CO	TWELFTH ST	JAMES	VA.	10,550	35,000	22
TREDEGAR CO	*RICHMOND	JAMES	VA.	225	400	51
VIRGINIA EL AND PWR CO	PARK	JAMES	VA.	2,100	12,800	48
ALBEMARLE PAPER MFG CO	*HOLLYWOOD	JAMES	VA.	280	1,100	25
RICHMOND DEPT OF PUB UTIL	HOLLYWOOD	JAMES	VA.	2,024	14,400	25
VIRGINIA EL AND PWR CO	BELLE ISLE	JAMES	VA.	3,000	17,000	21
RICHMOND DEPT OF PUB UTIL	BYRD PARK	JAMES	VA.	1,125	9,600	19
ALBERENE STONE CORP OF VA	*SCHUYLER	ROCKFISH	VA.	754	2,500	32
APPALACHIAN ELEC PWR CO	REUSENS	JAMES	VA.	12,500	42,000	35
GLAMORGAN PIPE AND FDRY	*LYNCHBURG	JAMES	VA.	150	220	18
ELECTRO METALLURGICAL CO	*HOLCOMB ROCK	JAMES	VA.	1,689	10,300	17
UNION CARBIDE CORP	*BIG ISLAND	JAMES	VA.	480	2,400	12
BEDFORD TOWN OF	SNOWDEN	JAMES	VA.	970	7,000	18
VIRGINIA EL AND PWR CO	CUSHAW	JAMES	VA.	7,500	30,000	26
VIRGINIA EL AND PWR CO	BALCONY FALLS	JAMES	VA.	1,920	11,600	15
CRAIG BOTETOURT COOP	NEW CASTLE	MEADOW CR	VA.	300	1,600	606
BARC ELEC COOP	FALLING SPRINGS	FALLING SPRINGS CR	VA.	420	2,900	515
				59,552	253,020	
<u>CHOWAN</u>						
VIRGINIA EL AND PWR CO	EMPORIA	MEHERRIN	VA.	2,160	9,500	41
				2,160	9,500	
<u>ROANOKE</u>						
VIRGINIA EL AND PWR CO	ROANOKE RAPIDS	ROANOKE	N. C.	6,020	38,000	29
CORPS OF ENGINEERS	JOHN KERR	ROANOKE	VA.	44,000	352,000	97
VIRGINIA EL AND PWR CO	*HALIFAX	BANNISTER	VA.	1,000	5,900	30
DAN RIVER MILLS INC	*RIVERSIDE	DAN	VA.	3,550	10,000	21
DAN RIVER MILLS INC	*SCHOOLFIELD	DAN	VA.	5,500	15,000	28
SPRAY COTTON MILLS	*SPRAY	SMITHS	N. C.	1,000	2,600	38
MARTINSVILLE CITY OF	MARTINSVILLE	SMITHS	VA.	1,300	5,000	32
WASHINGTON MILLS CO	*MAYODAN	MAYO	N. C.	1,320	6,000	17
APPALACHIAN ELEC PWR CO	STUART	MAYO	VA.	184	600	41
DUKE POWER CO	WALNUT COVE	DAN	N. C.	544	1,600	18
DANVILLE WT G AND EL DEPT	PINNACLES	DAN	VA.	10,125	30,000	701
APPALACHIAN ELEC PWR CO	ROCKY MOUNT	PIGG	VA.	150	900	25
APPALACHIAN ELEC PWR CO	NIAGARA	ROANOKE	VA.	2,760	10,000	61
				77,453	477,600	
<u>TAR</u>						
ROCKY MOUNT MILLS	*ROCKY MOUNT	TAR	N. C.	1,600	4,500	24
				1,600	4,500	
<u>NEUSE</u>						
WILSON UTILITIES	WILSON	CONTENTINEA CR	N. C.	335	800	13
DURHAM CITY OF	DURHAM	FLAT	N. C.	1,500	6,600	80
				1,835	7,400	
<u>CAPE FEAR</u>						
BROWDER MILLS INC	*HOPE MILLS	ROCKFISH CR	N. C.	450	1,900	24
ROCKFISH MILLS INC	*HOPE MILLS	ROCKFISH CR	N. C.	400	2,800	24
RAEFORD POWER AND MFG CO	RAEFORD	ROCKFISH CR	N. C.	400	600	-
CAROLINA POWER AND LT CO	BUCKHORN	CAPE FEAR	N. C.	2,900	10,000	23
ROCKY RIVER PWR AND LT CO	SANFORD	ROCKY	N. C.	168	400	-
CAROLINA POWER AND LT CO	LOCKVILLE	DEEP	N. C.	1,000	4,100	22
CAROLINA POWER AND LT CO	CARBONTON	DEEP	N. C.	1,000	2,200	15
RANDOLPH MILLS INC	*FRANKLINVILLE	DEEP	N. C.	300	600	30
JORDAN SPINNING CO	*CEDAR FALLS	DEEP	N. C.	350	1,200	35
ODELL J M MFG CO	*GYNUM	HAW	N. C.	600	1,600	15
SELLERS MFG CO	*SAXAPAHAW	HAW	N. C.	1,500	3,000	12
VIRGINIA MILLS INC	*SWEPSONVILLE	HAW	N. C.	900	3,500	15
				9,968	31,900	
<u>YADKIN PEE DEE</u>						
MORGAN COTTON MILLS INC	*LAUREL HILL	LITTLE PEE DEE	N. C.	200	10	-
SONOCO PRODUCTS CO	*HARTSVILLE	BLACK CR	S. C.	318	800	-
CAROLINA POWER AND LT CO	BLEWETT	PEE DEE	N. C.	24,600	134,000	50

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
YADKIN PEE DEE CONT'D						
CAROLINA POWER AND LT CO	EURY	LITTLE CR	N. C.	600	2,500	48
CAROLINA POWER AND LT CO	TILLERY	YADKIN	N. C.	62,000	188,000	72
CAROLINA ALUMINUM CO	*YADKIN FALLS	YADKIN	N. C.	20,300	142,000	54
CAROLINA ALUMINUM CO	*YADKIN NARROWS	YADKIN	N. C.	81,200	457,000	176
CAROLINA ALUMINUM CO	*HIGH ROCK	YADKIN	N. C.	33,000	129,000	59
ERWIN COTTON MILLS CO	*COOLEEMEE	SOUTH YADKIN	N. C.	1,500	1,800	24
DUKE POWER CO	IDOLS	YADKIN	N. C.	1,411	6,200	10
DUKE POWER CO	PILOT MOUNTAIN	ARARAT	N. C.	500	1,900	18
DUKE POWER CO	MOUNT AIRY NO 2	ARARAT	N. C.	448	1,500	18
DUKE POWER CO	MOUNT AIRY NO 1	ARARAT	N. C.	160	300	18
DUKE POWER CO	CARTERS FALLS	ELKIN	N. C.	180	800	77
				226,417	1,065,810	
SANTEE						
SO CAROLINA PUB SERV AUTH	PINOPOLIS	SANTEE-COOPER	S. C.	132,615	640,000	70
SO CAROLINA PUB SERV AUTH	SPILLWAY	SANTEE	S. C.	1,920	14,000	47
DUKE POWER CO	WATEREE	WATEREE	S. C.	56,000	190,000	77
DUKE POWER CO	#ROCKY CREEK	CATAWBA	S. C.	24,400	6,000	58
DUKE POWER CO	CEAR CREEK	CATAWBA	S. C.	45,000	114,000	57
DUKE POWER CO	DEARBORN	CATAWBA	S. C.	45,000	85,000	69
DUKE POWER CO	GREAT FALLS	CATAWBA	S. C.	24,000	48,000	71
DUKE POWER CO	#FISHING CREEK	CATAWBA	S. C.	30,800	105,000	58
MANETTA MILLS	*LANDO PLANT	FISHING CR	S. C.	280	10	300
DUKE POWER CO	CATAW.A	CATAWBA	S. C.	60,000	107,000	68
STOWE MILLS INC	*MCADENVILLE	SOUTH FORK	N. C.	800	3,200	-
DUKE POWER CO	SPENCER MOUNTAIN	SOUTH FORK	N. C.	640	4,600	24
HARDEN MFG CO	*DALLAS	SOUTH FORK	N. C.	200	660	-
JACKSON MILLS	*HIGH SHOALS NO 3	SOUTH FORK	N. C.	1,700	5,400	25
D E RH/NE MILLS INC	*LINCOLN PLANT	SOUTH FORK	N. C.	250	1,200	-
LONG SHOALS COTTON MILLS	*LINCOLNTON	SOUTH FORK	N. C.	500	1,300	-
JUILLIARD A D AND CO INC	*BROOKFORD	HENRY FORK	N. C.	350	230	27
HENRY RIVER MILLS CO	*HENRY RIVER	HENRY FORK	N. C.	125	500	35
DUKE POWER CO	MOUNTAIN ISLAND	CATAWBA	N. C.	60,000	104,000	76
DUKE POWER CO	#LOOKOUT	CATAWBA	N. C.	19,270	84,000	77
DUKE POWER CO	OXFORD	CATAWBA	N. C.	36,000	91,000	90
DUKE POWER CO	LITTLE RIVER	LITTLE	N. C.	500	500	50
DUKE POWER CO	GUNPOWDER NO 2	GUNPOWDER CR	N. C.	100	200	25
DUKE POWER CO	GUNPOWDER NO 1	GUNPOWDER CR	N. C.	400	1,200	75
DUKE POWER CO	RHO�HISS	CATAWBA	N. C.	25,500	53,000	59
DUKE POWER CO	BRIDGEWATER	CATAWBA	N. C.	20,000	38,000	137
DUKE POWER CO	LAKE TAHOMA	BUCK CR	N. C.	240	1,000	60
SO CAROLINA EL AND GAS CO	COLUMBIA	BROAD	S. C.	8,000	50,500	32
SO CAROLINA EL AND GAS CO	PARR	BROAD	S. C.	14,880	75,000	35
RIVERDALE MILLS	*ENOREE	ENOREE	S. C.	1,300	4,900	42
DUKE POWER CO	VAN PATTON	ENOREE	S. C.	600	3,200	55
STARTEX MILL	*PRINT CRASH	SOUTH TIGER	S. C.	1,750	5,400	72
VICTOR MONAGHAN CO	*APALACHE	SOUTH TIGER	S. C.	1,300	2,200	50
UNION MFG AND POWER CO	NEAL SHOALS	BROAD	S. C.	5,200	30,000	25
LOCKHART POWER CO	LOCKHART	BROAD	S. C.	12,300	60,000	52
PACOLET MANUFACTURING CO	*PACOLET S C	PACOLET	S. C.	2,500	8,300	27
CLIFTON MFG CO	*CLIFTON	PACOLET	S. C.	2,575	9,100	34
WHITNEY MILLS INC	*WHITNEY	LAWSON FORK	S. C.	180	210	-
SPARTANBURG COMM PUB WKS	SPARTANBURG	S FK PACOLET	S. C.	1,000	2,500	65
FRANKLIN PROC SPINN MILL	*FINGERVILLE	S FK PACOLET	S. C.	125	650	-
DUKE POWER CO	99 ISLANDS	BROAD	S. C.	18,000	56,000	68
DUKE POWER CO	GASTON SHOALS	BROAD	S. C.	9,140	36,000	46
LILY MILLS CO	*SHELBY	FIRST BROAD	N. C.	600	1,800	25
CLEVELAND MILL AND PWR CO	*LAWNDALE	FIRST BROAD	N. C.	888	2,600	-
CLIFFSIDE MILLS	*CLIFFSIDE	SECOND BROAD	N. C.	1,625	2,900	30
DUKE POWER CO	TURNER	GREEN	N. C.	5,500	14,000	85
DUKE POWER CO	TUXEDO	GREEN	N. C.	5,000	21,000	296
CAROLINA MOUNTAIN PWR CO	LAKE LURE	BROAD	N. C.	3,600	8,000	100
SO CAROLINA EL AND GAS CO	SALUDA	SALUDA	S. C.	130,000	170,000	180
GREENWOOD COUNTY COMM	BUZZARDS ROOST	SALUDA	S. C.	15,000	50,000	55
DUKE POWER CO	BOYDS MILL	REEDY	S. C.	1,200	6,000	42
DUKE POWER CO	TUMBLING SHOALS	REEDY	S. C.	300	500	16
RIEGLER TEXTILE CO	*WARE SHOALS	SALUDA	S. C.	4,266	17,000	66
BELTON LIGHT AND POWER CO	HOLIDAYS BRIDGE	SALUDA	S. C.	3,500	11,500	41
PELZER MILLS	*PELZER	SALUDA	S. C.	5,300	20,700	39
PIEDMONT MFG CO	*PIEDMONT	SALUDA	S. C.	1,900	6,700	24
DUKE POWER CO	SALUDA	SALUDA	S. C.	2,600	8,000	41
				846,819	2,383,660	

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u>	<u>NAME OF PLANT</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>SAVANNAH</u>						
GRANITEVILLE CO	*GRANITEVILLE	HORSE CR	S. C.	450	1,200	42
GRANITEVILLE CO	*VAUCLUSE	HORSE CR	S. C.	480	750	53
GRANITEVILLE CO	*ENTERPRISE	SAVANNAH	GA.	1,200	6,200	30
GEORGIA POWER CO	AUGUSTA	SAVANNAH	GA.	900	5,600	30
GRANITEVILLE CO	*SIBLEY	SAVANNAH	GA.	2,100	11,000	30
SO CAROLINA EL AND GAS CO	STEVENS CREEK	SAVANNAH	GA.	18,880	90,000	29
ELBERTON CITY OF	ELBERTON	BEAVER CAM CR	GA.	192	700	-
ABBEVILLE WTR EL PLT	ABBEVILLE	ROCKY	S. C.	2,800	9,250	80
DUKE POWER CO	GREGG SHOALS	SAVANNAH	S. C.	1,800	3,800	14
DUKE POWER CO	PORTMAN SHOALS	SENECA	S. C.	5,590	22,000	46
UTICA MOHAWK COTTON MILLS	*SENECA DIVISION	CONEROSS CR	S. C.	900	2,300	56
ABNEY MILLS	*COURTNEY MILL	KITTLE	S. C.	1,200	2,400	25
NORRIS COTTON MILLS CO	*CATEECHEE	TWELVE MILE CR	S. C.	900	4,200	-
R F LENHARDT ESTATE	LIBERTY	TWELVE MILE CR	S. C.	300	-	-
GEORGIA POWER CO	YONAH	TUGALOO	GA.	22,500	50,800	70
GEORGIA POWER CO	TUGALOO	TUGALOO	GA.	45,000	108,200	144
GEORGIA POWER CO	TALLULAH FALLS	TALLULAH	GA.	72,000	170,600	603
GEORGIA POWER CO	TERRORA	TALLULAH	GA.	16,000	46,300	189
GEORGIA POWER CO	NACOOCHEE	TALLULAH	GA.	4,800	14,400	61
GEORGIA POWER CO	BURTON	TALLULAH	GA.	6,120	19,700	114
				204,112	570,400	
<u>ALTAMAHA</u>						
GEORGIA POWER CO	BARNETT SHOALS	OCONEE	GA.	2,800	14,900	50
GEORGIA POWER CO	MITCHELL	OCONEE	GA.	500	2,300	22
GEORGIA POWER CO	TALLASSEE	M FK OCONEE	GA.	1,500	5,000	41
GEORGIA POWER CO	HIGH FALLS	TOWALIGA	GA.	3,680	8,000	106
GEORGIA POWER CO	LLOYD SHOALS	OCMULGEE	GA.	14,400	67,000	102
BIBB MFG CO	*PORTERDALE	YELLOW	GA.	1,500	8,200	48
CALLAWAY MILLS	*MILSTEAD	YELLOW	GA.	800	2,900	42
				25,180	108,300	
<u>ST JOHNS</u>						
FLORIDA POWER CORPORATION	MOSS BLUFF	OCKLAWAHA	FLA.	480	1,700	12
				480	1,700	
<u>SOUTH ATLANTIC TOTAL</u>				1,455,576	4,913,790	
<u>EASTERN GULF</u>						
<u>WITHLACOOCHEE</u>						
FLORIDA POWER CORPORATION	DUNELLON	WITHLACOOCHEE	FLA.	3,213	14,000	25
				3,213	14,000	
<u>OCKLOCKONEE</u>						
FLORIDA POWER CORPORATION	JACKSON BLUFF	OCKLOCKONEE	FLA.	8,800	20,000	35
				8,800	20,000	
<u>APALACHICOLA</u>						
FLORIDA PUB UTILITIES CO	MARIANNA	MERRITTS POND	FLA.	168	500	14
GEORGIA POWER CO	CREDILLE	PATAULA CR	GA.	1,680	9,200	30
EAGLE AND PHENIX MILLS	*COLUMBUS	CHATTAHOOCHEE	GA.	4,100	25,000	26
CITY MILLS CO	*COLUMBUS	CHATTAHOOCHEE	GA.	180	270	10
GEORGIA POWER CO	NO HIGHLAND	CHATTAHOOCHEE	GA.	6,900	45,000	38
GEORGIA POWER CO	GOAT ROCK	CHATTAHOOCHEE	GA.	16,000	123,500	65
GEORGIA POWER CO	BARTLETTS FERRY	CHATTAHOOCHEE	GA.	65,000	291,000	116
GEORGIA POWER CO	RIVERVIEW	CHATTAHOOCHEE	GA.	480	2,700	15
GEORGIA POWER CO	LANGDALE	CHATTAHOOCHEE	GA.	4,010	20,000	15
GEORGIA POWER CO	MORGAN FALLS	CHATTAHOOCHEE	GA.	16,800	42,100	46
HABERSHAM MILLS	*HABERSHAM	SOGUE	GA.	1,640	4,700	67
GEORGIA PWR AND LT CO	SPRING CREEK	SPRING CR	GA.	800	1,700	14
GEORGIA POWER CO	FLINT R	FLINT	GA.	5,400	47,400	27
CRISP COUNTY POWER COMM	CORDELE	FLINT	GA.	11,200	52,900	30
GEORGIA POWER CO	WHITEWATER	WHITEWATER CR	GA.	360	1,100	10
				134,718	668,070	
<u>CHOCTAWHATCHEE</u>						
ALABAMA ELECTRIC COOP INC	ELBA	PEA	ALA.	1,480	7,000	30
				1,480	7,000	
<u>ESCAMBIA</u>						
ALABAMA ELECTRIC COOP INC	POINT A HYD	CONECUH	ALA.	5,200	25,000	41
ALABAMA ELECTRIC COOP INC	GANTT	CONECUH	ALA.	2,440	9,200	30
				7,640	34,200	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN				INSTALLED	AV. ANNUAL	GROSS
NAME OF OWNER	NAME OF PLANT	RIVER	STATE	CAPACITY KW	GENERATION 1,000 KWH	HEAD FT.
<u>MOBILE ALABAMA</u>						
MT VERNON WOODBERRY MILLS	*TALLASSEE MILLS	TALLAPOOSA	ALA.	8,000	25,000	90
ALABAMA POWER CO	THURLOW DAM	TALLAPOOSA	ALA.	50,000	228,000	90
ALABAMA POWER CO	YATES	TALLAPOOSA	ALA.	32,000	136,000	53
ALABAMA POWER CO	MARTIN DAM	TALLAPOOSA	ALA.	154,200	367,000	146
ALABAMA POWER CO	JORDAN DAM	COOSA	ALA.	100,000	559,000	89
ALABAMA POWER CO	MITCHELL	COOSA	ALA.	72,500	387,000	66
ALABAMA POWER CO	LAY DAM	COOSA	ALA.	81,000	375,000	69
RIEGL TEXTILE CO	*TRION	CHATTOOGA	GA.	272	120	20
THOMPSON WEINMAN CO	*CARTERSVILLE	ETOWAH	GA.	625	3,500	-
CORPS OF ENGINEERS	ALLATOONA	ETOWAH	GA.	74,000	169,000	146
				572,597	2,249,620	
				728,448	2,992,890	
<u>EASTERN GULF TOTAL</u>						
<u>OHIO RIVER</u>						
<u>TENNESSEE</u>						
TENNESSEE VALLEY AUTH	KENTUCKY	TENNESSEE	KY.	160,000	1,000,000	56
TENNESSEE VALLEY AUTH	COLUMBIA	DUCK	TENN.	800	1,600	15
TENNESSEE VALLEY AUTH	PICKWECK LANDING	TENNESSEE	TENN.	216,000	1,329,000	56
TENNESSEE VALLEY AUTH	WILSON	TENNESSEE	ALA.	436,000	2,390,000	92
TENNESSEE VALLEY AUTH	WHEELER	TENNESSEE	ALA.	259,200	1,244,000	48
TENNESSEE VALLEY AUTH	GUNTERSVILLE	TENNESSEE	ALA.	97,200	720,000	38
TENNESSEE VALLEY AUTH	HALES BAR	TENNESSEE	TENN.	99,700	495,000	36
TENNESSEE VALLEY AUTH	CHICKAMAUGA	TENNESSEE	TENN.	108,000	745,000	50
TENNESSEE VALLEY AUTH	OCOE NO 1	OCOE	TENN.	18,000	65,000	112
TENNESSEE VALLEY AUTH	OCOE NO 2	OCOE	TENN.	19,900	130,000	253
TENNESSEE VALLEY AUTH	OCOE NO 3	OCOE	TENN.	27,000	180,000	314
TENNESSEE VALLEY AUTH	BLUE RIDGE	TOCCOA	GA.	20,000	35,000	145
TENNESSEE VALLEY AUTH	APALACHIA	HIWASSEE	TENN.	75,000	460,000	439
TENNESSEE VALLEY AUTH	HIWASSEE	HIWASSEE	N. C.	57,600	250,000	253
NANTAHALA PWR AND LT CO	MISSION	HIWASSEE	N. C.	1,800	12,000	40
TENNESSEE VALLEY AUTH	WATTS BAR	TENNESSEE	TENN.	150,000	790,000	57
TENNESSEE VALLEY AUTH	NORRIS	CLINCH	TENN.	100,800	400,000	194
KNOXVILLE POWER CO	CALDERWOOD	LITTLE TENNESSEE	TENN.	121,500	600,000	217
CAROLINA ALUMINUM CO	SANTEETLAH	LITTLE TENNESSEE	N. C.	45,000	215,000	663
CAROLINA ALUMINUM CO	CHEOAH	LITTLE TENNESSEE	N. C.	102,000	517,000	189
TENNESSEE VALLEY AUTH	FONTANA	LITTLE TENNESSEE	N. C.	135,000	850,000	432
NANTAHALA PWR AND LT CO	BRYSON CITY	OCONALUFY	N. C.	980	6,600	35
DILLSBORO SYLVIA EL LT CO	DILLSBORO	TUCKASEGEE	N. C.	225	1,400	12
NANTAHALA PWR AND LT CO	TUCKASEGEE	W FK TUCKASEGEE	N. C.	3,000	12,000	123
NANTAHALA PWR AND LT CO	THORPE	W FK TUCKASEGEE	N. C.	21,600	89,000	1,207
NANTAHALA PWR AND LT CO	CEDAR CLIFF	E FK TUCKASEGEE	N. C.	6,275	19,000	172
NANTAHALA PWR AND LT CO	QUEENS CREEK	NANTAHALA	N. C.	1,440	6,000	1,001
NANTAHALA PWR AND LT CO	NANTAHALA	NANTAHALA	N. C.	43,200	230,000	1,006
NANTAHALA PWR AND LT CO	FRANKLIN	LITTLE TENNESSEE	N. C.	1,040	7,600	26
HIGHLANDS TOWN OF	HIGHLANDS	CULLASAJA CR	N. C.	250	1,200	-
TENNESSEE VALLEY AUTH	FORT LOUDON	TENNESSEE	TENN.	128,000	530,000	71
TENNESSEE VALLEY AUTH	DOUGLAS	FRENCH BROAD	TENN.	86,000	335,000	128
TENNESSEE VALLEY AUTH	NOLICHUCKY	NOLICHUCKY	TENN.	10,640	40,000	70
FRENCH BROAD EL MEMB CORP	BURNSVILLE	CANE	N. C.	474	1,700	42
CAROLINA POWER AND LT CO	WALTERS	BIG PIGEON	N. C.	108,000	306,000	861
FRENCH BROAD EL MEMB CORP	MARSHALL	FRENCH BROAD	N. C.	400	1,600	14
CAROLINA POWER AND LT CO	MARSHALL	FRENCH BROAD	N. C.	3,000	18,000	33
CAROLINA POWER AND LT CO	WEAVER	FRENCH BROAD	N. C.	2,500	9,000	23
CASCADE POWER CO	BREVARO	LITTLE	N. C.	950	4,300	-
TENNESSEE VALLEY AUTH	CHEROKEE	HOLSTON	TENN.	60,000	300,000	148
TENNESSEE VALLEY AUTH	WILBUR	WATAUGA	TENN.	10,700	25,000	64
TENNESSEE VALLEY AUTH	WATAUGA	WATAUGA	TENN.	50,000	120,000	309
TENNESSEE VALLEY AUTH	SOUTH HOLSTON	S FK HOLSTON	TENN.	35,000	136,000	257
APPALACHIAN ELEC PWR CO	HOLSTON	M FK HOLSTON	VA.	550	2,300	34
APPALACHIAN ELEC PWR CO	DAMASCUS	LAUREL FORK	VA.	168	800	20
				2,824,892	14,631,100	
<u>CUMBERLAND</u>						
CORPS OF ENGINEERS	#CENTER HILL	CANEY FORK	TENN.	135,800	351,000	162
TENNESSEE VALLEY AUTH	GREAT FALLS	CANEY FORK	TENN.	31,860	150,000	147
CORPS OF ENGINEERS	#DALE HOLLOW	OBEE	TENN.	36,600	120,000	139
CORPS OF ENGINEERS	#WOLF CREEK	CUMBERLAND	KY.	271,200	867,000	173
				475,460	1,488,000	

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> <u>NAME OF OWNER</u>	<u>NAME OF PLANT</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>WABASH</u>						
PUBLIC SERV CO OF INDIANA	WILLIAMS	E FK WHITE	IND.	3,200	10,918	14
PUBLIC SERV CO OF INDIANA	NOBLESVILLE	W FK WHITE	IND.	384	900	10
NORTHERN IND PUB SERV CO	OAKDALE	TIPPECANOE	IND.	11,000	35,000	45
NORTHERN IND PUB SERV CO	NORWAY	TIPPECANOE	IND.	6,720	25,000	31
				21,304	71,818	
<u>OHIO MAIN STREAM</u>						
LOUISVILLE GAS AND EL CO	OHIO FALLS	OHIO	KY.	80,320	390,000	33
				80,320	390,000	
<u>KENTUCKY</u>						
KENTUCKY UTILITIES CO	LOCK NO 7	KENTUCKY	KY.	2,040	11,000	15
KENTUCKY UTILITIES CO	DIX RIVER	DIX	KY.	28,500	65,000	243
				30,540	76,000	
<u>MIAMI</u>						
BENDIX AVIATION CO	*HAMILTON	MIAMI	OHIO	2,250	12,000	26
SORG PAPER CO	*MIDDLETOWN	MIAMI	OHIO	350	750	14
MAXWELL PAPER CO	*FRANKLIN	MIAMI	OHIO	600	570	-
DAYTON PWR AND LT CO	WEST MILTON	STILLWATER	OHIO	125	100	11
DAYTON PWR AND LT CO	COVINGTON	STILLWATER	OHIO	450	1,200	27
				3,775	14,620	
<u>KANAWHA</u>						
KANAWHA VALLEY POWER CO	WINFIELD	KANAWHA	W. VA.	14,760	100,000	27
KANAWHA VALLEY POWER CO	MARMET	KANAWHA	W. VA.	14,400	80,000	24
KANAWHA VALLEY POWER CO	LONDON	KANAWHA	W. VA.	14,400	80,000	24
UNION CARBIDE CARBON CORP	*GLEN FERRIS	KANAWHA	W. VA.	4,680	37,500	36
UNION CARBIDE CARBON CORP	*ALLOY	NEW	W. VA.	102,000	567,000	164
RADFORD CITY OF	RADFORD	LITTLE	VA.	800	4,000	40
APPALACHIAN ELEC PWR CO	CLAYTOR	NEW	VA.	75,000	190,000	116
APPALACHIAN ELEC PWR CO	BUCK	NEW	VA.	8,505	32,000	44
APPALACHIAN ELEC PWR CO	BYLLESBY NO 2	NEW	VA.	21,600	48,000	58
WASHINGTON MILLS CO	*FRIES	NEW	VA.	3,050	16,000	40
FIELDS MFG CO	*MOUTH OF WILSON	WILSON CR	VA.	250	600	-
BLUE RIDGE EL MEMB CORP	SHARPE FALLS	NEW	N. C.	175	1,000	16
NEW RIVER LT AND POWER CO	HYDRO	NEW	N. C.	180	900	-
				259,800	1,157,000	
<u>BEAVER</u>						
REPUBLIC STEEL CORPN	*BEAVER FALLS	BEAVER	PA.	200	760	-
				200	760	
<u>MONONGAHELA</u>						
PENNSYLVANIA ELECTRIC CO	DEEP CREEK	YOUGHIOGHENY	MD.	19,200	31,000	437
WEST VA PWR AND TRANS CO	LAKE LYNN	CHEAT	W. VA.	50,000	133,000	82
				69,200	164,000	
<u>ALLEGHENY</u>						
PENNSYLVANIA ELECTRIC CO	PINEY	CLARION	PA.	28,800	80,000	83
				28,800	80,000	
<u>OHIO RIVER TOTAL</u>				3,794,291	18,073,298	
<u>GREAT LAKES ST LAWRENCE</u>						
<u>COATICOOK</u>						
NEW HAMPSHIRE EL COOP	NORTON	COATICOOK	VT.	125	200	32
				125	200	
<u>CLYDE</u>						
CITIZENS UTILITIES CO	NEWPORT	CLYDE	VT.	3,600	12,000	140
BARTON VILLAGE INC	WEST CHARLESTON	CLYDE	VT.	1,400	2,800	-
CITIZENS UTILITIES CO	CHARLESTON	CLYDE	VT.	800	2,600	57
				5,800	17,400	
<u>MISSISQUOI</u>						
SWANTON VILLAGE OF	HIGHGATE	MISSISQUOI	VT.	1,780	7,700	59
MISSISQUOI CORPORATION	*SHELDON SPRINGS	MISSISQUOI	VT.	1,750	7,000	79
ENOSBURG FALLS VILLAGE OF	VILLAGE	MISSISQUOI	VT.	600	1,700	20
ENOSBURG FALLS VILLAGE OF	KENDALL	MISSISQUOI	VT.	150	500	20
BLAIR VERMONT PLYWOOD	*NORTH TROY	MISSISQUOI	VT.	175	400	54
CITIZENS UTILITIES CO	BAKER MILLS	MISSISQUOI	VT.	600	1,200	-
				5,055	18,500	

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TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>LAMOILLE</u>						
PUBLIC ELECTRIC LIGHT CO	WOODS FALLS	LAMOILLE	VT.	5,000	15,000	52
PUBLIC ELECTRIC LIGHT CO	MILTON	LAMOILLE	VT.	6,000	17,000	100
PUBLIC ELECTRIC LIGHT CO	CLARKS FALLS	LAMOILLE	VT.	3,000	15,764	43
PUBLIC ELECTRIC LIGHT CO	FAIRFAX FALLS	LAMOILLE	VT.	2,880	16,707	86
HYDE PARK VILLAGE OF	HYDE PARK	GIHON	VT.	200	500	25
MORRISVILLE VILLAGE OF	CADYS FALLS NO 1	LAMOILLE	VT.	1,300	3,500	40
MORRISVILLE VILLAGE OF	MORRISVILLE NO 2	LAMOILLE	VT.	1,800	5,500	50
HARDWICK VILLAGE OF	HARDWICK	LAMOILLE	VT.	1,160	3,300	54
				21,340	77,271	
<u>WINDOOSKI</u>						
AMERICAN WOOLEN CO INC	*CHAMPLAIN	WINDOOSKI	VT.	500	1,100	38
GREEN MOUNTAIN POWER CORP	GORGE NO 18	WINDOOSKI	VT.	3,000	15,200	34
GREEN MOUNTAIN POWER CORP	ESSEX NO 19	WINDOOSKI	VT.	4,800	29,200	65
GREEN MOUNTAIN POWER CORP	MORETOWN NO 8	MAD	VT.	500	1,700	50
GREEN MOUNTAIN POWER CORP	MIDDLESEX NO 2	WINDOOSKI	VT.	3,200	15,000	52
GREEN MOUNTAIN POWER CORP	MONTPELIER NO 4	WINDOOSKI	VT.	600	1,900	60
GREEN MOUNTAIN POWER CORP	MOLLYS FALLS	MOLLYS BROOK	VT.	5,000	8,200	378
				17,600	72,300	
<u>OTTER CREEK</u>						
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9	OTTER CR	VT.	1,400	5,900	38
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9-A	OTTER CR	VT.	160	200	30
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9-B	OTTER CR	VT.	1,000	3,200	35
CENTRAL VT PUB SERV CORP	WEYBRIDGE	OTTER CR	VT.	3,000	2,400	18
VERMONT MARBLE CO	*HUNTINGTON FALLS	OTTER CR	VT.	1,200	10,000	39
CENTRAL VT PUB SERV CORP	BRISTOL	NEW HAVEN	VT.	150	700	96
VERMONT MARBLE CO	*BELDEN	OTTER CR	VT.	1,200	9,600	41
CENTRAL VT PUB SERV CORP	LOWER MIDDLEBURY	OTTER CR	VT.	2,250	9,100	33
CENTRAL VT PUB SERV CORP	UPPER MIDDLEBURY	OTTER CR	VT.	180	900	21
CENTRAL VT PUB SERV CORP	EAST MIDDLEBURY	OTTER CR	VT.	160	1,100	20
CENTRAL VT PUB SERV CORP	SALISBURY	LEICESTER	VT.	1,300	3,700	160
CENTRAL VT PUB SERV CORP	SILVER LAKE	SILVER LAKE	VT.	2,200	6,400	676
VERMONT MARBLE CO	*PROCTOR	OTTER CR	VT.	3,950	15,400	120
VERMONT MARBLE CO	*CENTER RUTLAND	OTTER CR	VT.	275	470	27
CENTRAL VT PUB SERV CORP	PATCH	EAST CR	VT.	400	1,000	50
CENTRAL VT PUB SERV CORP	GLEN	EAST CR	VT.	2,000	5,600	175
CENTRAL VT PUB SERV CORP	PITTSFORD	EAST CR	VT.	3,600	8,000	481
				24,405	83,670	
<u>POULTNEY</u>						
NIAGARA MOHAWK PWR CORP	ASHLEY	HALFWAY CR	N. Y.	680	2,100	68
CENTRAL VT PUB SERV CORP	HYDEVILLE	CASTLETON CR	VT.	270	600	40
CENTRAL VT PUB SERV CORP	CARVERS FALLS	POULTNEY	N. Y.	1,560	8,300	112
				2,510	11,000	
<u>TICONDEROGA</u>						
INTERNATIONAL PAPER CO	*TICONDEROGA 38	TICONDEROGA CR	N. Y.	3,440	18,000	134
NIAGARA MOHAWK PWR CORP	PORT HENRY	MILL BROOK	N. Y.	1,800	5,600	380
				5,240	23,600	
<u>BOUQUET</u>						
WADHAMS WESTPORT P L CORP	WADHAMS NO 1	BOUQUET	N. Y.	464	1,200	48
WADHAMS WESTPORT P L CORP	WADHAMS NO 2	BLACK	N. Y.	700	3,400	530
				1,164	4,600	
<u>AUSABLE</u>						
NEW YORK ST EL G CORP	*RAINBOW FALLS	AUSABLE	N. Y.	2,640	7,500	93
PRESCOTT R AND SONS	*KEESEVILLE	AUSABLE	N. Y.	180	270	13
ROGERS J AND J CO	*AU SABLE FORKS	W BR AUSABLE	N. Y.	1,250	4,700	92
LAKE PLACID VILLAGE OF	LAKE PLACID	CHUBB	N. Y.	332	900	35
PAUL SMITHS EL L AND P CO	LAKE PLACID	CHUBB	N. Y.	300	-	17
				4,702	13,370	
<u>SARANAC</u>						
IMPERIAL PAPER COLOR CORP	*PLATTSBURG	SARANAC	N. Y.	600	2,600	22
NEW YORK ST EL G CORP	INDIAN RAPIDS	SARANAC	N. Y.	480	2,800	16
DIAMOND MATCH CO	*PLANT NO 1	SARANAC	N. Y.	2,400	10,000	43
DIAMOND MATCH CO	*PLANT NO 2	SARANAC	N. Y.	1,080	5,000	27
EASTERN NEW YORK PWR CORP	KENT FALLS	SARANAC	N. Y.	6,400	40,000	162
EASTERN NEW YORK PWR CORP	MILL C	SARANAC	N. Y.	2,250	12,500	65
EASTERN NEW YORK PWR CORP	CADYVILLE	SARANAC	N. Y.	2,400	15,000	77
EASTERN NEW YORK PWR CORP	HIGH FALLS	SARANAC	N. Y.	8,000	67,000	272

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By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u>	<u>NAME OF PLANT</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>SARANAC CONT'D</u>						
PAUL SMITHS EL L AND P CO	UNION FALLS	SARANAC	N. Y.	2,400	8,600	61
PAUL SMITHS EL L AND P CO	FRANKLIN FALLS	SARANAC	N. Y.	2,265	6,200	57
				28,275	169,700	
<u>GREAT CHAZY</u>						
THE WM H MINER FOUNDATION	*LASSEL & MCGREGOR	BIG CHAZY	N. Y.	3,600	11,700	80
				3,600	11,700	
<u>CHATEAUGAY</u>						
NEW YORK ST EL G CORP	CHATEAUGAY	CHATEAUGAY	N. Y.	720	5,200	88
				720	5,200	
<u>SALMON</u>						
NIAGARA MOHAWK PWR CORP	MACOMB	SALMON	N. Y.	1,000	6,800	53
NIAGARA MOHAWK PWR CORP	WHITTLESEY	SALMON	N. Y.	360	2,400	23
NIAGARA MOHAWK PWR CORP	CHASM FALLS	SALMON	N. Y.	3,350	24,218	266
				4,710	33,418	
<u>ST REGIS</u>						
NIAGARA MOHAWK PWR CORP	HOGANSBURG	ST REGIS	N. Y.	700	3,100	11
PAUL SMITHS EL L AND P CO	KEESSE MILL	ST REGIS	N. Y.	245	200	11
NIAGARA MOHAWK PWR CORP	ALLENS FALLS	W BR ST REGIS	N. Y.	4,400	26,960	218
NIAGARA MOHAWK PWR CORP	PARISHVILLE	W BR ST REGIS	N. Y.	2,400	14,500	144
				7,745	44,760	
<u>RAQUETTE</u>						
NIAGARA MOHAWK PWR CORP	RAYMONDVILLE	RAQUETTE	N. Y.	2,000	12,900	19
NIAGARA MOHAWK PWR CORP	NORFOLK	RAQUETTE	N. Y.	4,500	25,900	41
NIAGARA MOHAWK PWR CORP	EAST NORFOLK	RAQUETTE	N. Y.	3,000	19,409	31
NIAGARA MOHAWK PWR CORP	YALEVILLE	RAQUETTE	N. Y.	725	3,800	12
NIAGARA MOHAWK PWR CORP	*NORWOOD	RAQUETTE	N. Y.	2,000	13,100	21
RAQUETTE RIVER PAPER CO	*UNIONVILLE	RAQUETTE	N. Y.	1,600	8,900	17
RAQUETTE RIVER PAPER CO	*HEWITTVILLE	RAQUETTE	N. Y.	1,500	8,400	13
POTSDAM MUN ELECTRIC PLT	POTSDAM	RAQUETTE	N. Y.	187	1,200	9
NIAGARA MOHAWK PWR CORP	SUGAR ISLAND	RAQUETTE	N. Y.	4,800	29,980	63
NIAGARA MOHAWK PWR CORP	HANNAWA FALLS	RAQUETTE	N. Y.	7,200	44,790	78
NIAGARA MOHAWK PWR CORP	COLTON	RAQUETTE	N. Y.	29,520	169,720	283
NIAGARA MOHAWK PWR CORP	HIGLEY	RAQUETTE	N. Y.	4,480	27,490	44
PAUL SMITHS EL L AND P CO	PIERCEFIELD	RAQUETTE	N. Y.	1,200	1,900	35
				62,712	367,489	
<u>GRASS</u>						
THE ST LAWRENCE RV PWR CO	MASSENA	GRASS	N. Y.	55,150	529,000	42
DEGRASS DEVELOPMENT CO	PYRITES	GRASS	N. Y.	1,200	9,000	-
				56,350	538,000	
<u>OSWEGATCHIE</u>						
NIAGARA MOHAWK PWR CORP	EEL WEIR	OSWEGATCHIE	N. Y.	2,700	11,607	12
NIAGARA MOHAWK PWR CORP	THERESA	INDIAN	N. Y.	1,615	7,400	66
THERESA MUNICIPAL LT COMM	THERESA	INDIAN	N. Y.	130	500	15
PHILADELPHIA MUN ELEC SYS	PHILADELPHIA	INDIAN	N. Y.	128	600	20
NIAGARA MOHAWK PWR CORP	PHILADELPHIA	INDIAN	N. Y.	500	3,100	55
NIAGARA MOHAWK PWR CORP	HEUVELTON	OSWEGATCHIE	N. Y.	1,040	5,200	15
RUSHMORE PAPER MILLS INC	*NATURAL DAM	OSWEGATCHIE	N. Y.	1,020	3,500	20
GOUVERNEUR VILLAGE OF	GOUVERNEUR	OSWEGATCHIE	N. Y.	160	900	7
OSWEGATCHIE LT AND PWR CO	HAILESBO RO 4	OSWEGATCHIE	N. Y.	1,320	7,200	30
OSWEGATCHIE LT AND PWR CO	FOWLER	OSWEGATCHIE	N. Y.	900	5,000	15
RUSHMORE PAPER CO	*EMERYVILLE	OSWEGATCHIE	N. Y.	1,320	8,000	32
INTERNATIONAL TALC CO	*TALCVILLE	E BR OSWEGATCHIE	N. Y.	160	240	16
NIAGARA MOHAWK PWR CORP	OSWEGATCHIE	E BR OSWEGATCHIE	N. Y.	800	6,000	10
NIAGARA MOHAWK PWR CORP	SOUTH EDWARDS NO 2	E BR OSWEGATCHIE	N. Y.	2,680	19,570	82
NIAGARA MOHAWK PWR CORP	FLAT ROCK	E BR OSWEGATCHIE	N. Y.	6,000	17,680	57
NIAGARA MOHAWK PWR CORP	BROWNS FALLS	E BR OSWEGATCHIE	N. Y.	15,000	53,000	267
NEWTON FALLS PAPER MILL	*NEWTON FALLS	OSWEGATCHIE	N. Y.	2,230	12,100	46
ST REGIS PAPER CO	*HARRISVILLE	W BR OSWEGATCHIE	N. Y.	520	1,700	36
				38,223	163,297	
<u>BLACK</u>						
TAGGART CORPORATION	*WATERTOWN	BLACK	N. Y.	350	2,000	16
NIAGARA MOHAWK PWR CORP	MILL STREET	BLACK	N. Y.	840	2,000	33
BEEBE ISLAND CORP	BEEBE ISLAND	BLACK	N. Y.	8,000	45,000	31
NIAGARA MOHAWK PWR CORP	SEWALLS ISLAND	BLACK	N. Y.	2,000	11,700	17
NIAGARA MOHAWK PWR CORP	DIAMOND ISLAND	BLACK	N. Y.	1,200	9,100	10

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>BLACK CONT'D</u>						
WATERTOWN MUN ELEC DEPT	WATERTOWN	BLACK	N. Y.	5,400	33,000	27
NIAGARA MOHAWK PWR CORP	BLACK RIVER	BLACK	N. Y.	6,000	44,800	32
NIAGARA MOHAWK PWR CORP	KAMARGO	BLACK	N. Y.	5,400	29,150	23
NIAGARA MOHAWK PWR CORP	DEFERIET	BLACK	N. Y.	10,800	67,520	44
NIAGARA MOHAWK PWR CORP	HERRINGS	BLACK	N. Y.	5,400	25,840	19
CROWN ZELLERBACH CORP	*CARTHAGE	BLACK	N. Y.	1,120	2,900	30
ST REGIS PAPER CO	*CARTHAGE	BLACK	N. Y.	525	2,900	17
CARTHAGE PAPER MAKERS INC	*CARTHAGE	BLACK	N. Y.	800	5,400	8
J P LEWIS CO	*BEAVER FALLS	BEAVER	N. Y.	1,500	9,700	30
BEAVER RIVER PWR CO	HIGH FALLS	BEAVER	N. Y.	4,800	34,150	95
NIAGARA MOHAWK PWR CORP	BELFORT	BEAVER	N. Y.	1,800	12,600	48
NIAGARA MOHAWK PWR CORP	TAYLORVILLE	BEAVER	N. Y.	4,500	25,275	103
NIAGARA MOHAWK PWR CORP	ELMER FALLS	BEAVER	N. Y.	1,500	9,700	38
NIAGARA MOHAWK PWR CORP	EFFLEY FALLS	BEAVER	N. Y.	2,960	14,702	53
NIAGARA MOHAWK PWR CORP	SOFT MAPLE	BEAVER	N. Y.	15,000	39,246	124
NIAGARA MOHAWK PWR CORP	EAGLE FALLS	BEAVER	N. Y.	6,050	31,770	137
NIAGARA MOHAWK PWR CORP	MOSHIER FALLS	BEAVER	N. Y.	8,000	40,240	211
GOULD PAPER CO	*MILL NO 3	BLACK	N. Y.	1,700	9,900	13
BOONVILLE BD OF LT COMM	DENLEY	BLACK	N. Y.	596	3,300	22
				96,241	508,593	
<u>SALMON</u>						
NIAGARA MOHAWK PWR CORP	LIGHTHOUSE HILL	SALMON	N. Y.	7,500	22,710	64
NIAGARA MOHAWK PWR CORP	BENNETTS BRIDGE	SALMON	N. Y.	23,950	80,000	282
				31,450	102,710	
<u>OSWEGO</u>						
NIAGARA MOHAWK PWR CORP	VARICK	OSWEGO	N. Y.	8,800	44,000	17
NIAGARA MOHAWK PWR CORP	HIGH DAM NO 6	OSWEGO	N. Y.	7,600	50,000	19
NORTHERN NEW YORK PR CORP	MINETTO	OSWEGO	N. Y.	8,000	40,000	17
NIAGARA MOHAWK PWR CORP	VOLNEY	OSWEGO	N. Y.	340	2,000	20
NIAGARA MOHAWK PWR CORP	GRANBY	OSWEGO	N. Y.	4,682	27,090	24
NIAGARA MOHAWK PWR CORP	RIVERSIDE	OSWEGO	N. Y.	800	5,300	23
NIAGARA MOHAWK PWR CORP	FULTON	OSWEGO	N. Y.	1,250	7,200	17
DILTS MACHINE WORKS	*FULTON	OSWEGO	N. Y.	120	80	-
OSWEGO FALLS CORPN	*OSWEGO FALLS	OSWEGO	N. Y.	9,150	39,000	18
SWEET BROS PAPER MFG CO	*PHOENIX	OSWEGO	N. Y.	440	3,000	-
PHOENIX T AND P CO	*PHOENIX	OSWEGO	N. Y.	160	300	-
NIAGARA MOHAWK PWR CORP	BALDWINVILLE	SENECA	N. Y.	640	3,700	8
DUNN AND MCCARTHY INC	*WOOLEN MILL	OWASCO	N. Y.	800	2,600	21
DUNN AND MCCARTHY INC	*AUBURN	OWASCO	N. Y.	700	2,300	21
SHOE FORM CO INC	*AUBURN	OWASCO	N. Y.	200	400	16
DUNN AND MCCARTHY INC	*SHANK PLANT	OWASCO	N. Y.	300	770	-
GRAND BAG AND PAPER CO	*SHORTSVILLE	CANANDAIGUA OUTLET	N. Y.	149	250	-
CORNELL UNIVERSITY	PWR 1 AND 2	FALL CR	N. Y.	800	5,300	-
ITHACA GUN COMPANY INC	*ITHACA	FALL CR	N. Y.	180	340	-
NEW YORK ST EL G CORP	SENECA FALLS	SENECA	N. Y.	8,000	11,500	50
NEW YORK ST EL G CORP	WATERLOO	SENECA CANAL	N. Y.	1,920	3,600	17
NEW YORK ST EL G CORP	SENECA MILLS	KEUKA LAKE OUTLET	N. Y.	240	2,200	41
NEW YORK ST EL G CORP	KEUKA LAKE NO 1	KEUKA LAKE	N. Y.	2,000	6,400	-
				57,271	257,330	
<u>SALMON CREEK</u>						
ROCHESTER GAS AND EL CORP	SODUS NO 201	SALMON CR	N. Y.	250	300	17
				250	300	
<u>GENESEE</u>						
ROCHESTER GAS AND EL CORP	ROCHESTER NO 5	GENESEE	N. Y.	38,250	144,000	137
ROCHESTER GAS AND EL CORP	ROCHESTER NO 4	GENESEE	N. Y.	1,600	5,800	91
ROCHESTER GAS AND EL CORP	ROCHESTER NO 2	GENESEE	N. Y.	4,500	30,000	90
ROCHESTER GAS AND EL CORP	ROCHESTER NO 26	GENESEE	N. Y.	3,600	-	-
ROCHESTER GAS AND EL CORP	MT MORRIS NO 160	GENESEE	N. Y.	340	2,900	20
ROCHESTER GAS AND EL CORP	WISCONSIN NO 170	WISCOY CR	N. Y.	1,080	4,900	104
ROCHESTER GAS AND EL CORP	MILLS MILLS NO 172	WISCOY CR	N. Y.	220	900	58
				49,590	188,500	
<u>OAK ORCHARD CREEK</u>						
NIAGARA MOHAWK PWR CORP	WATERPORT	OAK ORCHARD CR	N. Y.	4,650	12,900	78
NIAGARA MOHAWK PWR CORP	GLENWOOD	OAK ORCHARD CR	N. Y.	1,500	9,400	62
NIAGARA MOHAWK PWR CORP	MEDINA NO 1	OAK ORCHARD CR	N. Y.	300	1,800	28
NIAGARA MOHAWK PWR CORP	OAK ORCHARD	OAK ORCHARD CR	N. Y.	350	2,100	27
				6,800	26,200	

SEE FOOTNOTES AT END OF TABLE

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>EIGHTEEN MILE CREEK</u>						
NIAGARA MOHAWK PWR CORP	BURT	18 MILE CR	N. Y.	1,000	2,300	47
NIAGARA				1,000	2,300	
NIAGARA MOHAWK PWR CORP	E D ADAMS	NIAGARA	N. Y.	80,000	675,000	138
NIAGARA MOHAWK PWR CORP	SCHOELLKOPF	NIAGARA	N. Y.	334,800	3,180,000	218
NIAGARA MOHAWK PWR CORP	HYDRAULIC RACE	BARGE CANAL	N. Y.	4,687	24,000	50
				419,487	3,879,000	
<u>CATTARAUGUS CREEK</u>						
SPRINGVILLE EL LT PWR CO	SPRINGVILLE	CATTARAUGUS CR	N. Y.	500	2,000	-
				500	2,000	
<u>CUYAHOGA</u>						
OHIO EDISON CO	GORGE HYDRO	CUYAHOGA	OHIO	1,950	7,400	105
VAUGHN MACHINE CO	*CUYAHOGA FALLS	CUYAHOGA	OHIO	149	390	11
				2,099	7,790	
<u>SANDUSKY</u>						
THE OHIO POWER CO	BALLVILLE	SANDUSKEY	OHIO	3,000	5,000	40
				3,000	5,000	
<u>MAUMEE</u>						
THE TOLEDO EDISON CO	DEFIANCE	AUGLAIZE	OHIO	5,000	8,800	24
FORT WAYNE LT AND PWR WKS	MAUMEE DAM	MAUME	IND.	250	100	10
FORT WAYNE LT AND PWR WKS	ST JOE DAM	ST JOSEPH	IND.	175	800	10
				5,425	9,700	
<u>RAISIN</u>						
FORD MOTOR CO	*DUNDEE	RAISIN	MICH.	125	260	6
CONSUMERS POWER CO	TECUMSEH M	RAISIN	MICH.	300	900	15
HAYDEN FUEL AND SUPPLY CO	TECUMSEH	RAISIN	MICH.	250	1,300	21
FORD MOTOR CO	*MANCHESTER	RAISIN	MICH.	140	690	-
FORD MOTOR CO	*BROOKLYN	RAISIN	MICH.	50	240	-
				865	3,390	
<u>HURON</u>						
THE DETROIT EDISON CO	FRENCH LAND	HURON	MICH.	3,000	6,638	32
FORD MOTOR CO	*YPSILANTI	HURON	MICH.	1,875	8,500	33
THE DETROIT EDISON CO	SUPERIOR	HURON	MICH.	1,325	4,000	16
THE DETROIT EDISON CO	GEDDES	HURON	MICH.	1,000	3,800	16
THE DETROIT EDISON CO	ARGO	HURON	MICH.	1,025	3,100	15
THE DETROIT EDISON CO	BARTON	HURON	MICH.	1,500	6,500	26
FORD MOTOR CO	*MILFORD	HURON	MICH.	290	1,100	-
				10,015	33,638	
<u>SAGINAW</u>						
ST LOUIS CITY OF	ST LOUIS	PINE	MICH.	360	700	10
HARRIS MILLING CO	*MT PLEASANT	CHIPPEWA	MICH.	150	500	-
WOLVERINE POWER CO	SANFORD	TITTABAWASSEE	MICH.	4,000	8,000	28
WOLVERINE POWER CO	EDENVILLE	TITTABAWASSEE	MICH.	6,000	12,000	43
CONSUMERS POWER CO	CHAPPEL	TOBACCO	MICH.	430	1,200	28
CONSUMERS POWER CO	BEAVERTOWN	TOBACCO	MICH.	970	2,800	20
WOLVERINE POWER CO	SMALLWOOD	TITTABAWASSEE	MICH.	1,500	2,600	26
WOLVERINE POWER CO	SECORDS	TITTABAWASSEE	MICH.	1,500	3,000	48
CONSUMERS POWER CO	SHIAWASSEE	SHIAWASSEE	MICH.	150	800	12
				15,060	31,600	
<u>AU SABLE</u>						
CONSUMERS POWER CO	FOOTE	AU SABLE	MICH.	9,000	28,460	39
CONSUMERS POWER CO	COOKE	AU SABLE	MICH.	9,000	26,300	39
CONSUMERS POWER CO	FIVE CHANNELS	AU SABLE	MICH.	6,000	25,020	36
CONSUMERS POWER CO	LOUD	AU SABLE	MICH.	4,000	18,390	27
CONSUMERS POWER CO	ALCONA	AU SABLE	MICH.	8,000	25,870	39
CONSUMERS POWER CO	MIO	AU SABLE	MICH.	5,000	15,130	29
CONSUMERS POWER CO	GRAYLING	AU SABLE	MICH.	90	200	13
				41,090	139,370	
<u>THUNDER BAY</u>						
ALPENA POWER CO	NINTH STREET	THUNDER BAY	MICH.	1,080	4,400	18
ALPENA POWER CO	FOUR MILE DAM	THUNDER BAY	MICH.	1,800	7,200	26
ALPENA POWER CO	NORWAY POINT	THUNDER BAY	MICH.	4,000	10,000	37
HILLMAN LT AND PWR CO	HILLMAN	THUNDER BAY	MICH.	180	100	-

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By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>THUNDER BAY CONT'D</u>						
NORTHERN MICHIGAN EL COOP	ATLANTA	THUNDER BAY	MICH.	60 7,120	- 21,700	10
<u>CHEBOYGAN</u>						
CONSUMERS POWER CO	CHEYBOYGAN	CHEBOYGAN	MICH.	1,800	6,400	14
CONSUMERS POWER CO	BLACK RIVER	BLACK	MICH.	800	2,800	19
NORTHERN MICHIGAN EL COOP	KLEBER	BLACK	MICH.	1,200	-	-
NORTHERN MICHIGAN EL COOP	TOWER HYDRO	BLACK	MICH.	560 4,360	2,100 11,300	21
<u>ST MARYS</u>						
CARBIDE POWER CO	CARBIDE	ST MARYS	MICH.	42,240	267,000	21
CORPS OF ENGINEERS	ST MARYS FALLS	ST MARYS	MICH.	16,400 58,640	88,000 355,000	22
<u>CEDAR-BOYNE-RAPID</u>						
CONSUMERS POWER CO	RUGG	RAPID	MICH.	160	500	21
CONSUMERS POWER CO	ELK RAPIDS	ELK	MICH.	1,050	2,200	11
CONSUMERS POWER CO	BOYNE RIVER	BOYNE	MICH.	500	1,300	32
CONSUMERS POWER CO	BOYNE FALLS	BOYNE	MICH.	80	300	18
PETOSKEY CITY OF	LOWER	BEAR	MICH.	120	500	21
PETOSKEY CITY OF	MITCHELL	BEAR	MICH.	500	1,000	28
PETOSKEY CITY OF	UPPER	BEAR	MICH.	250	700	21
CHARLEVOIX CITY OF	BELLAIRE	CEDAR	MICH.	300 2,960	1,400 7,900	-
<u>BOARDMAN</u>						
CONSUMERS POWER CO	BOARDMAN NO 2	BOARDMAN	MICH.	1,000	2,900	19
CONSUMERS POWER CO	BOARDMAN NO 3	BOARDMAN	MICH.	2,200	6,000	41
TRAVERSE CITY L P DEPT	KEYSTONE	BOARDMAN	MICH.	480	2,300	22
TRAVERSE CITY L P DEPT	BROWN BRIDGE	BOARDMAN	MICH.	650 4,330	2,300 13,500	-
<u>BETSIE</u>						
CONSUMERS POWER CO	HOMESTEAD	BETSIE	MICH.	600 600	3,000 3,000	26
<u>MANISTEE</u>						
CONSUMERS POWER CO	C W TIPPY	MANISTEE	MICH.	20,000	56,630	56
CONSUMERS POWER CO	STRONACH	PINE	MICH.	800	1,800	18
CONSUMERS POWER CO	HODENPYL	MANISTEE	MICH.	18,000	45,270	68
MANTON WATER AND LT DEPT	MANTON	CEDAR CR	MICH.	68 38,868	30 103,730	-
<u>PENTWATER</u>						
HART HYDRO ELEC SYSTEM	HART	PENTWATER	MICH.	260 260	1,000 1,000	-
<u>MUSKEGON</u>						
CONSUMERS POWER CO	NEWAYGO	MUSKEGON	MICH.	1,600	11,200	18
CONSUMERS POWER CO	CROTON	MUSKEGON	MICH.	9,000	35,990	41
CONSUMERS POWER CO	HARDY	MUSKEGON	MICH.	30,000	79,990	100
CONSUMERS POWER CO	ROGERS	MUSKEGON	MICH.	6,750	25,940	40
CONSUMERS POWER CO	BIG RAPIDS	MUSKEGON	MICH.	400	1,800	16
CENTRAL PLANT CO	BIG RAPIDS	MUSKEGON	MICH.	400	3,300	16
CONSUMERS POWER CO	REED CITY	HERSEY	MICH.	150 48,300	400 158,620	17
<u>GRAND</u>						
CONSUMERS POWER CO	GRANDS RAPIDS	GRAND	MICH.	400	2,000	18
CONSUMERS POWER CO	ADA	THORNAPPLE	MICH.	2,000	6,700	20
CONSUMERS POWER CO	CASCADE	THORNAPPLE	MICH.	2,560	8,000	28
CONSUMERS POWER CO	LABARGE	THORNAPPLE	MICH.	700	3,400	19
LOWELL VILLAGE OF	LOWELL	FLAT	MICH.	710	2,700	18
CONSUMERS POWER CO	LOWELL	FLAT	MICH.	900	5,100	34
CONSUMERS POWER CO	SMYRNA	FLAT	MICH.	240	1,000	8
CONSUMERS POWER CO	BELDING	FLAT	MICH.	400	1,400	10
CONSUMERS POWER CO	HUBBARDSTON	FISH CR	MICH.	240	700	20
CONSUMERS POWER CO	LYONS	GRAND	MICH.	450	1,600	10
CONSUMERS POWER CO	WAGAR	GRAND	MICH.	450	1,500	10
CONSUMERS POWER CO	WEBBER	GRAND	MICH.	3,250	9,143	26
PORTLAND ELEC DEPARTMENT	PORTLAND	GRAND	MICH.	375	2,400	20

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By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
GRAND CONT'D						
LANSING WTR AND LT COMM	NORTH LANSING	GRAND	MICH.	200	1,100	9
LANSING WTR AND LT COMM	MOORES PARK	GRAND	MICH.	1,000	2,600	15
MILLER DAIRY FARM	*EATON RAPIDS	SPRING CR	MICH.	450	1,500	-
				14,325	50,843	
KALAMAZOO						
ALLEGAN CITY OF	ALLEGAN CITY	KALAMAZOO	MICH.	2,600	7,000	15
CONSUMERS POWER CO	ALLEGAN	KALAMAZOO	MICH.	650	4,000	12
CONSUMERS POWER CO	TROWBRIDGE	KALAMAZOO	MICH.	1,500	9,500	22
CONSUMERS POWER CO	OTSEGO	KALAMAZOO	MICH.	1,700	7,900	14
CONSUMERS POWER CO	PLAINWELL NO 1	KALAMAZOO	MICH.	900	5,400	13
CONSUMERS POWER CO	PLAINWELL NO 2	KALAMAZOO	MICH.	150	900	10
MICHIGAN PAPER CO	*PLAINWELL	KALAMAZOO	MICH.	150	700	10
CONSUMERS POWER CO	B C MONROE	KALAMAZOO	MICH.	150	400	10
CONSUMERS POWER CO	CERESCO	KALAMAZOO	MICH.	600	2,100	14
MARSHALL CITY OF	MARSHALL	KALAMAZOO	MICH.	463	1,500	15
				8,863	39,400	
ST JOSEPH						
WATERVLIT PAPER CO	*WATERVLIT	PAW PAW	MICH.	300	1,300	11
PAW PAW VILLAGE OF	PAW PAW	W BR PAW PAW	MICH.	250	800	-
INDIANA AND MICH ELEC CO	BERRIER SPRINGS	ST JOSEPH	MICH.	7,200	31,000	23
INDIANA AND MICH ELEC CO	BUCHANAN	ST JOSEPH	MICH.	4,104	16,500	13
NILES CITY OF	NILES	DOWAGIAC CR	MICH.	460	3,300	21
FRENCH PAPER CO	*NILES	ST JOSEPH	MICH.	1,300	5,500	14
INDIANA AND MICH ELEC CO	SOUTH BEND	ST JOSEPH	IND.	1,500	5,600	10
INDIANA AND MICH ELEC CO	TWIN BRANCH	ST JOSEPH	IND.	7,260	22,000	24
INDIANA AND MICH ELEC CO	ELKHART	ST JOSEPH	IND.	3,440	16,000	19
NORTHERN IND PUB SERV CO	GOSHEN	ELKHART	IND.	600	2,300	15
NORTHERN IND PUB SERV CO	BAINTERTOWN	ELKHART	IND.	240	800	9
NORTHERN IND PUB SERV CO	BENTON	ELKHART	IND.	320	1,200	19
BOEHMER ELECTRIC CO	HOWE	PIGEON	IND.	90	300	7
NORTHERN IND PUB SERV CO	MONGO	PIGEON	IND.	125	500	13
MICHIGAN GAS AND EL CO	MOTTVILLE	ST JOSEPH	MICH.	1,680	7,100	11
MICHIGAN GAS AND EL CO	CONSTATINE	ST JOSEPH	MICH.	1,200	5,500	11
STAR MILLING AND ELEC CO	STAR MILL	FAWN	IND.	250	700	13
CONSUMERS POWER CO	CENTERVILLE	PRAIRIE	MICH.	150	600	18
THREE RIVERS CITY OF	THREE RIVERS	ROCKY	MICH.	200	700	13
MICHIGAN GAS AND EL CO	THREE RIVERS	PORTAGE	MICH.	168	700	9
FAIRBANKS MORSE AND CO	*THREE RIVERS	ROCKY	MICH.	900	1,800	12
STURGIS CITY OF	STURGIS	ST JOSEPH	MICH.	1,100	4,100	26
UNION CITY VILLAGE OF	RILEY	ST JOSEPH	MICH.	419	1,300	15
				33,256	127,600	
MILWAUKEE						
WISCONSIN ELEC PWR CO	WEST BEND	MILWAUKEE	WIS.	175	200	13
				175	200	
FOX						
NICOLET PAPER CORPN	*WEST DE PERE	FOX	WIS.	900	6,400	8
KAUKAUNA ELEC WTR DEPT	RAPID CROCHE	FOX	WIS.	2,400	13,000	8
KAUKAUNA ELEC WTR DEPT	KAUKAUNA	FOX	WIS.	4,800	35,500	23
KAUKAUNA ELEC WTR DEPT	BADGER	FOX	WIS.	5,600	35,000	22
COMBINED LOCKS PAPER CO	*COMBINED LOCKS	FOX	WIS.	425	2,900	21
KAUKAUNA ELEC WTR DEPT	LITTLE CHUTE	FOX	WIS.	3,300	19,000	12
KIMBERLY CLARK CORP	*KIMBERLY	FOX	WIS.	2,700	13,000	8
CONSOL WTR PWR PAPER CO	*APPLETON	FOX	WIS.	480	2,600	8
FOX RIVER PAPER CORP	*APPLETON	FOX	WIS.	1,315	7,000	11
APPLETON WOOLEN MILLS	*APPLETON	FOX	WIS.	100	650	10
KIMBERLY CLARK CORP	*ATLAS MILL	FOX	WIS.	1,650	8,900	15
WISCONSIN MICHIGAN PWR CO	APPLETON	FOX	WIS.	1,440	9,800	16
WESTERN CONDENSING CO	*APPLETON	FOX	WIS.	132	850	15
WHITING GEORGE A PAPER CO	*MENASHA	FOX	WIS.	120	300	8
BERGSTROM PAPER CO	*NEENAH	FOX	WIS.	400	1,100	9
WISCONSIN MICHIGAN PWR CO	WEYAUWEGA	WAUPACA	WIS.	400	900	13
WISCONSIN PUB SERV CORP	WAUPACA	WAUPACA	WIS.	250	800	19
WAUPACA CITY OF	WAUPACA	WAUPACA	WIS.	75	200	13
WISCONSIN POWER AND LT CO	MANAWA	LITTLE WOLF	WIS.	264	800	12
WISCONSIN POWER AND LT CO	BIG FALLS	LITTLE WOLF	WIS.	320	1,300	30
WISCONSIN POWER AND LT CO	HAYMAN FALLS	EMBARRASS	WIS.	448	1,500	33
WISCONSIN POWER AND LT CO	WITTENBERG	EMBARRASS	WIS.	100	300	23
GRESHAM WTR PWR AND EL PL	GRESHAM	RED	WIS.	275	700	32

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>FOX CONT'D</u>						
WISCONSIN POWER AND LT CO	PHLOX	RED	WIS.	80	300	22
SHAWANO PAPER MILLS	*SHAWANO	WOLF	WIS.	490	1,400	10
WISCONSIN POWER AND LT CO	SHAWANO	WOLF	WIS.	700	3,400	18
WISCONSIN POWER AND LT CO	PRINCETON	MECAN	WIS.	108	700	20
WISCONSIN POWER AND LT CO	NESHKORO	WHITE	WIS.	150	600	12
WHITE RIVER POWER CO	NESHKORO	WHITE	WIS.	265	1,000	12
MONTELLO GRANITE CO	*MONTELLO	MONTELLO LAKE	WIS.	379	510	14
OXFORD LT AND PWR CO	FAIRWATER	NEENAH	WIS.	75	200	-
WESTFIELD MILL EL LT CO	WESTFIELD	DUCK CR	WIS.	125	-	-
				30,266	170,610	
<u>OCONTO</u>						
OCONTO ELECTRIC COOP	STILES	OCONTO	WIS.	1,000	4,000	20
FALLS PAPER AND POWER CO	*OCONTO FALLS	OCONTO	WIS.	1,010	2,000	39
WISCONSIN MICHIGAN PWR CO	OCONTO FALLS	OCONTO	WIS.	1,440	5,900	28
				3,450	11,900	
<u>PESHTIGO</u>						
WISCONSIN PUB SERV CORP	PESHTIGO	PESHTIGO	WIS.	584	3,200	14
WISCONSIN PUB SERV CORP	POTATO PAIPDS	PESHTIGO	WIS.	1,380	4,800	17
WISCONSIN PUB SERV CORP	SANDSTONE	PESHTIGO	WIS.	3,840	14,500	40
WISCONSIN PUB SERV CORP	JOHNSON FALLS	PESHTIGO	WIS.	3,520	13,740	37
WISCONSIN PUB SERV CORP	HIGH FALLS	PESHTIGO	WIS.	7,000	17,800	80
WISCONSIN PUB SERV CORP	CALDRON FALLS	PESHTIGO	WIS.	6,400	19,600	77
				22,740	73,640	
<u>MENOMINEE</u>						
MARINETTE PAPER CO	*MENOMINEE	MENOMINEE	MICH.	800	5,700	12
MARINETTE PAPER CO	*MARINETTE	MENOMINEE	WIS.	600	5,700	15
MENOMINEE MARINETTE LT TR	RAPID	MENOMINEE	MICH.	7,020	35,600	28
WISCONSIN MICHIGAN PWR CO	WHITE RAPIDS	MENOMINEE	MICH.	8,000	36,000	29
WISCONSIN MICHIGAN PWR CO	CHALK HILL	MENOMINEE	MICH.	7,800	33,000	29
NORWAY CITY OF	NORWAY	MENOMINEE	MICH.	3,500	22,000	26
WISCONSIN MICHIGAN PWR CO	STURGEON RIVER	STURGEON	MICH.	800	4,000	66
KIMBERLY CLARK CORP	*NIAGARA WIS	MENOMINEE	WIS.	5,335	35,000	67
WISCONSIN MICHIGAN PWR CO	BIG QUINNESEC	MENOMINEE	MICH.	16,000	104,000	92
WISCONSIN MICHIGAN PWR CO	QUINNESEC FALLS	MENOMINEE	MICH.	3,530	35,800	62
KINGSFORD CHEMICAL CO	*IRON MOUNTAIN	MENOMINEE	MICH.	7,200	25,000	30
WISCONSIN MICHIGAN PWR CO	PINE RIVER	PINE	WIS.	3,200	19,300	94
WISCONSIN MICHIGAN PWR CO	TWIN FALLS	MENOMINEE	MICH.	5,000	31,000	44
WISCONSIN MICHIGAN PWR CO	PEAVY FALLS	MICHIGAMME	MICH.	15,000	39,000	95
WISCONSIN MICHIGAN PWR CO	WAY DAM	MICHIGAMME	MICH.	1,800	10,000	39
THE CLIFFS PWR AND LT CO	REPUBLIC	MICHIGAMME	MICH.	640	1,800	23
WISCONSIN MICHIGAN PWR CO	BRULE ISLAND	BRULE	MICH.	5,335	24,300	63
WISCONSIN MICHIGAN PWR CO	LOWER PAINT	PAINT	MICH.	100	600	22
CRYSTAL FALLS LT WTR DEPT	CRYSTAL FALLS	PAINT	MICH.	500	3,000	21
				92,160	470,800	
<u>ESCANABA</u>						
UPPER MICH PWR AND LT CO	ESCANABA NO 1	ESCANABA	MICH.	1,950	6,700	24
UPPER MICH PWR AND LT CO	ESCANABA NO 2	ESCANABA	MICH.	1,250	6,500	30
UPPER MICH PWR AND LT CO	CHANDLER NO 3	ESCANABA	MICH.	2,500	9,922	28
UPPER MICH PWR AND LT CO	BONEY FALLS NO 4	ESCANABA	MICH.	4,500	13,998	49
THE CLIFFS PWR AND LT CO	ESCANABA	ESCANABA	MICH.	2,000	5,313	67
				12,200	42,433	
<u>MANISTIQUE</u>						
MANISTIQUE PULP PAP CO	*MANISTIQUE	MANISTIQUE	MICH.	1,000	1,300	26
				1,000	1,300	
<u>AU TRAIN</u>						
THE CLIFFS PWR AND LT CO	AU TRAIN	AU TRAIN	MICH.	896	4,700	137
				896	4,700	
<u>CARP</u>						
THE CLIFFS PWR AND LT CO	CARP	CARP	MICH.	4,480	19,295	608
				4,480	19,295	

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>DEAD</u>						
MARQUETTE CITY OF	MARQUETTE NO 3	DEAD	MICH.	700	3,900	32
MARQUETTE CITY OF	MARQUETTE NO 2	DEAD	MICH.	3,200	12,000	132
MARQUETTE CITY OF	MARQUETTE NO 1	DEAD	MICH.	1,000	700	90
THE CLIFFS PWR AND LT CO	MC CLURE	DEAD	MICH.	8,000	48,348	424
THE CLIFFS PWR AND LT CO	HOIST	DEAD	MICH.	4,400	17,000	148
				<u>17,300</u>	<u>81,948</u>	
<u>FALLS</u>						
L ANSE VILLAGE OF	L ANSE	FALLS	MICH.	100	500	-
				<u>100</u>	<u>500</u>	
<u>STURGEON</u>						
UPPER PENINSULA PWR CO	PRICKETT	STURGEON	MICH.	2,200	9,500	54
				<u>2,200</u>	<u>9,500</u>	
<u>ONTONAGON</u>						
UPPER PENINSULA PWR CO	VICTORIA	ONTONAGON	MICH.	12,000	68,000	218
				<u>12,000</u>	<u>68,000</u>	
<u>MONTREAL</u>						
LAKE SUPERIOR DIST PWR CO	SUPERIOR FALLS	MONTREAL	MICH.	1,320	10,300	137
LAKE SUPERIOR DIST PWR CO	SAXON	MONTREAL	MICH.	1,250	9,400	119
				<u>2,570</u>	<u>19,700</u>	
<u>BAD</u>						
LAKE SUPERIOR DIST PWR CO	WHITE RIVER	WHITE	WIS.	1,000	4,900	50
LAKE SUPERIOR DIST PWR CO	MELLEN NO 1	BAD	WIS.	450	1,400	80
				<u>1,450</u>	<u>6,300</u>	
<u>IRON</u>						
NORTHERN WISCONSIN PWR CO	ORIENTA FALLS	IRON	WIS.	800	1,300	-
IRON RIVER WTR LT TEL CO	IRON RIVER	IRON	WIS.	96	100	-
				<u>896</u>	<u>1,400</u>	
<u>EAU CLAIRE</u>						
DAHLBERG LIGHT AND PWR CO	GORDON	EAU CLAIRE	WIS.	257	1,000	-
				<u>257</u>	<u>1,000</u>	
<u>ST LOUIS</u>						
MINNESOTA POWER AND LT CO	FOND DU LAC	ST LOUIS	MINN.	12,000	67,000	78
MINNESOTA POWER AND LT CO	THOMSON	ST LOUIS	MINN.	67,350	335,000	374
MINNESOTA POWER AND LT CO	SCANLON	ST LOUIS	MINN.	1,600	9,500	15
NORTHWEST PAPER CO	*CLOQUET	ST LOUIS	MINN.	5,510	15,400	40
MINNESOTA POWER AND LT CO	KNIFE FALLS	ST LOUIS	MINN.	2,400	12,000	18
				<u>88,860</u>	<u>451,206</u>	
GR LAKE ST LAWRENCE TOTAL				<u>1,545,285</u>	<u>9,180,921</u>	
<u>HUDSON BAY</u>						
<u>RED</u>						
OTTER TAIL POWER CO	CROOKSTON NO 1	RED LAKE	MINN.	176	900	12
NORTHERN STATES P CO MINN	RED LAKE FALLS	RED LAKE	MINN.	600	4,100	15
THIEF RIV FALLS W L DEPT	THIEF RIVER FALLS	RED LAKE	MINN.	550	3,000	10
OTTER TAIL POWER CO	DAYTON HOLLOW	OTTER TAIL	MINN.	1,290	6,000	37
OTTER TAIL POWER CO	PISGAH	OTTER TAIL	MINN.	520	3,600	30
OTTER TAIL POWER CO	WRIGHT	OTTER TAIL	MINN.	400	2,800	24
OTTER TAIL POWER CO	HOOT LAKE	OTTER TAIL	MINN.	2,160	5,600	70
OTTER TAIL POWER CO	TAPLIN GORGE	OTTER TAIL	MINN.	560	3,400	40
				<u>6,256</u>	<u>29,400</u>	
<u>RAINY</u>						
BORDER COUNTIES PWR COOP	BIG FALLS	BIG FORK	MINN.	600	300	-
MINNESOTA ONTARIO PAPR CO	*INTERNATIONAL FL5	RAINY	MINN.	5,600	25,000	36
MINNESOTA POWER AND LT CO	WINTON	KAWISHIWI	MINN.	4,000	19,015	67
				<u>10,200</u>	<u>44,315</u>	
HUDSON BAY TOTAL				<u>16,456</u>	<u>73,715</u>	
<u>UPPER MISSISSIPPI RIVER</u>						
<u>ILLINOIS</u>						
NO COUNTIES HYDRO ELEC CO	DAYTON	FOX	ILL.	3,680	17,000	30

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TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>ILLINOIS CONT'D</u>						
WOODRUFF AND EDWARDS INC	*ELGIN	FOX	ILL.	300	340	7
NATIONAL BISCUIT CO	*CARTON	ILLINOIS	ILL.	450	1,700	15
CERTAIN TEED PRODS CORP	*MARSEILLES	ILLINOIS	ILL.	350	1,100	15
ILLINOIS POWER CO	MARSEILLES	ILLINOIS	ILL.	2,024	18,900	14
SANITARY DIST OF CHICAGO	LOCKPORT	DES PLAINES	ILL.	23,000	75,000	39
LEHON CO	WILMINGTON	KANKAKEE	ILL.	1,175	180	11
				30,979	114,220	
<u>DES MOINES</u>						
OTTUMWA CITY OF	OTTUMWA	DES MOINES	IOWA	3,000	14,000	13
IOWA PWR AND LT CO	ADEL	RACCOON	IOWA	400	400	12
FORT DODGE CITY OF	HYDRO	DES MOINES	IOWA	800	3,500	17
IOWA PUBLIC SERVICE CO	HUMBOLDT	DES MOINES	IOWA	525	1,500	18
IOWA PUBLIC SERVICE CO	RUTLAND	DES MOINES	IOWA	800	2,000	15
				5,525	21,400	
<u>MISSISSIPPI MAIN STREAM</u>						
UNION ELECTRIC POWER CO	# KEOKUK	MISSISSIPPI	IOWA	122,800	765,000	36
				122,800	765,000	
<u>SKUNK</u>						
IOWA ELECTRIC CO	OAKLAND MILLS	SKUNK	IOWA	760	700	9
				760	700	
<u>IOWA</u>						
IOWA ELEC LT AND PWR CO	CEDAR RAPIDS	CEDAR	IOWA	1,200	3,400	10
CEDAR FALLS CITY OF	CEDAR FALLS	CEDAR	IOWA	1,200	5,200	11
INTERSTATE POWER CO	GREENE	SHELLROCK	IOWA	320	900	11
WAVERLY CITY OF	WAVERLY	CEDAR	IOWA	495	1,700	13
IOWA PUBLIC SERVICE CO	NASHUA	CEDAR	IOWA	576	2,100	17
IOWA PUBLIC SERVICE CO	CHARLES CITY	CEDAR	IOWA	150	500	16
INTERSTATE POWER CO	MITCHELL	CEDAR	IOWA	1,000	1,400	19
HORMEL GEO A CO	*AUSTIN	CEDAR	MINN.	157	50	14
IOWA ILL GAS AND ELEC CO	CORALVILLE	IOWA	IOWA	400	1,200	11
IOWA ELEC LT AND PWR CO	IOWA FALLS	IOWA	IOWA	760	1,700	25
				6,258	18,150	
<u>ROCK</u>						
S S DAVIS	SEARS	ROCK	ILL.	1,440	11,000	11
COMMONWEALTH EDISON CO	STERLING LOWER	ROCK	ILL.	1,490	5,800	9
COMMONWEALTH EDISON CO	STERLING UPPER	ROCK	ILL.	2,175	10,000	10
COMMONWEALTH EDISON CO	DIXON	ROCK	ILL.	3,200	16,158	9
CENTRAL ILL EL AND GAS CO	ROCKFORD	ROCK	ILL.	1,200	3,300	9
ARGYLE VILLAGE OF	ARGYLE	E BR PECATONICA	WIS.	60	-	-
BRODHEAD WTR AND LT COMM	BRODHEAD	SUGAR	WIS.	262	1,000	9
INDIANA CONDENSED MILK CO	*ALBANY	SUGAR	WIS.	75	120	-
SOUTH BELOIT W G AND E CO	ROCKTON	ROCK	ILL.	1,100	6,000	12
WISCONSIN POWER AND LT CO	FULTON	YAHARA	WIS.	300	1,000	14
STOUGHTON ELEC UTILITIES	STEBBINSVILLE	YAHARA	WIS.	300	1,000	15
STOUGHTON ELEC UTILITIES	DUNKIRK	YAHARA	WIS.	256	900	11
STOUGHTON ELEC UTILITIES	CITY	YAHARA	WIS.	150	500	9
WISCONSIN POWER AND LT CO	BLACKHAWK	ROCK	WIS.	380	2,800	9
WISCONSIN POWER AND LT CO	MONTEREY	ROCK	WIS.	320	1,800	9
WISCONSIN POWER AND LT CO	JANESVILLE	ROCK	WIS.	500	2,200	9
WISCONSIN POWER AND LT CO	INDIAN FORD	ROCK	WIS.	400	1,200	6
WISCONSIN ELEC PWR CO	WATERTOWN	ROCK	WIS.	240	400	12
HUSTISFORD VILLAGE OF	HUSTISFORD	ROCK	WIS.	100	300	-
				13,948	65,478	
<u>MISSISSIPPI MAIN STREAM</u>						
IOWA ILL GAS AND ELEC CO	MOLINE	MISSISSIPPI	ILL.	3,600	25,000	12
CORPS OF ENGINEERS	*ROCK ISLAND	MISSISSIPPI	ILL.	2,752	20,000	16
				6,352	45,000	
<u>WAPSIPINCON</u>						
IOWA ELECTRIC CO	OXFORD MILLS	WAPSIPINCON	IOWA	260	300	7
IOWA ELECTRIC CO	ANAMOSA	WAPSIPINCON	IOWA	200	800	9
IOWA ELEC LT AND PWR CO	CENTRAL CITY	WAPSIPINCON	IOWA	60	300	10
INTERSTATE POWER CO	INDEPENDENCE	WAPSIPINCON	IOWA	600	1,200	11
				1,120	2,600	

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By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MAQUOKETA</u>						
IOWA ELECTRIC CO	MAQUOKETA	MAQUOKETA	IOWA	1,200	5,000	25
IOWA ELECTRIC CO	MONTICELLO	MIDDLE RACCOON	IOWA	179	300	10
INTERSTATE POWER CO	DELHI	MAQUOKETA	IOWA	1,500	3,500	40
IOWA ELECTRIC CO	QUAKER MILLS	MAQUOKETA	IOWA	264	200	16
IOWA ELECTRIC CO	HOAG MILLS	MAQUOKETA	IOWA	250	400	13
				<u>3,393</u>	<u>9,400</u>	
<u>TURKEY</u>						
INTERSTATE POWER CO	ELKADER	TURKEY	IOWA	422	800	17
INTERSTATE POWER CO	CLERMONT	TURKEY	IOWA	520	600	17
				<u>942</u>	<u>1,400</u>	
<u>WISCONSIN</u>						
INTERSTATE PWR CO OF WIS	GAYS MILLS	KICKAPOO	WIS.	264	600	8
LA FARGE MUNICIPAL EL CO	LA FARGE	KICKAPOO	WIS.	138	500	-
MUSCODA LT AND WTR COMM	MUSCODA	MILL CR	WIS.	60	300	-
WISCONSIN POWER AND LT CO	PRAIRIE DU SAC	WISCONSIN	WIS.	28,500	106,900	37
WISCONSIN POWER AND LT CO	BARABOO	BARABOO	WIS.	200	500	12
ISLAND WOOLEN CO	*BARABOO	BARABOO	WIS.	442	1,500	18
APPLETON WOOLEN MILLS	*REEDSBURG	BARABOO	WIS.	150	460	8
LAVALLE ELEC LT CO	LAVALLE	BARABOO	WIS.	50	100	11
WISCONSIN POWER AND LT CO	WYOCENA	DUCK CR	WIS.	50	100	9
WISCONSIN POWER AND LT CO	KILBOURN	WISCONSIN	WIS.	8,200	42,506	22
WISCONSIN POWER AND LT CO	LEMONWEIR	LEMONWEIR	WIS.	176	300	7
WISCONSIN POWER AND LT CO	MAUSTON	LEMONWEIR	WIS.	360	600	8
WISCONSIN RIVER POWER CO	CASTLE ROCK	WISCONSIN	WIS.	15,000	75,000	30
WISCONSIN POWER AND LT CO	NECEDAH	YELLOW	WIS.	260	400	12
WISCONSIN POWER AND LT CO	FRIENDSHIP	ROCHE A CRI CR	WIS.	60	200	16
WISCONSIN POWER AND LT CO	ROCHE A CRI	ROCHE A CRI CR	WIS.	160	700	16
WISCONSIN RIVER POWER CO	PETENWELL	WISCONSIN	WIS.	20,000	102,000	42
NEKOOSA EDWARDS PAPER CO	*NEKOOSA	WISCONSIN	WIS.	3,600	23,500	22
NEKOOSA EDWARDS PAPER CO	*PORT EDWARDS	WISCONSIN	WIS.	2,920	17,500	17
NEKOOSA EDWARDS PAPER CO	*CENTRALIA	WISCONSIN	WIS.	3,200	18,500	15
CONSOLIDATED WATER PWR CO	WISCONSIN RPDS 1	WISCONSIN	WIS.	4,160	25,000	33
CONSOLIDATED WATER PWR CO	BIRON NO 2	WISCONSIN	WIS.	3,300	20,000	24
WHITING PLOVER PAPER CO	*STEVENS POINT	WISCONSIN	WIS.	625	890	8
WISCONSIN PUB SERV CORP	JORDAN	PLOVER	WIS.	300	900	26
CONSOL WTR PWR PAPER CO	*STEVENS POINT	WISCONSIN	WIS.	960	6,300	21
CONSOLIDATED WATER PWR CO	STEVENS POINT	WISCONSIN	WIS.	3,840	25,000	18
CONSOLIDATED WATER PWR CO	DU BAY	WISCONSIN	WIS.	7,200	40,000	25
MOSINEE PAPER MILLS CO	*MOSINEE	WISCONSIN	WIS.	3,400	23,000	22
MARATHON CORP	*ROTHSCHILD	WISCONSIN	WIS.	4,225	19,500	21
WISCONSIN PUB SERV CORP	WAUSAU WEST	WISCONSIN	WIS.	5,400	33,637	28
WARD PAPER COMPANY	*MERRILL	WISCONSIN	WIS.	135	510	17
WISCONSIN PUB SERV CORP	MERRILL	WISCONSIN	WIS.	840	6,100	14
WISCONSIN PUB SERV CORP	ALEXANDER	WISCONSIN	WIS.	4,200	25,343	23
WISCONSIN PUB SERV CORP	GRANDFATHER	WISCONSIN	WIS.	17,240	110,000	95
NATIONAL CONT CO	*TOMAHAWK	WISCONSIN	WIS.	3,000	15,400	19
WISCONSIN PUB SERV CORP	TOMAHAWK	WISCONSIN	WIS.	2,600	13,850	15
WISCONSIN PUB SERV CORP	JERSEY	TOMAHAWK	WIS.	512	2,600	15
WISCONSIN PUB SERV CORP	HAT RAPIDS	WISCONSIN	WIS.	1,760	6,500	21
RHINELANDER PAPER CO	*RHINELANDER	WISCONSIN	WIS.	2,120	10,300	32
WISCONSIN PUB SERV CORP	OTTER RAPIDS	WISCONSIN	WIS.	700	2,100	13
				<u>150,277</u>	<u>778,696</u>	
<u>UPPER IOWA</u>						
INTERSTATE POWER CO	DECORAH NO 2	UPPER IOWA	IOWA	680	2,000	30
INTERSTATE POWER CO	DECORAH NO 1	UPPER IOWA	IOWA	400	1,000	22
				<u>1,080</u>	<u>3,000</u>	
<u>ROOT</u>						
LANESBORO PUB UTIL COMM	LANESBORO	ROOT	MINN.	477	900	30
DAIRYLAND PWR COOP	BRIGHTDALE	ROOT	MINN.	500	1,600	32
				<u>977</u>	<u>2,500</u>	
<u>LA CROSSE</u>						
NORTHERN STS PWR CO WIS	STEENSEN NO 2	LA CROSSE	WIS.	125	700	8
NORTHERN STS PWR CO WIS	NESHONOC NO 1	LA CROSSE	WIS.	200	1,500	11
NORTHERN STS PWR CO WIS	SPARTA	LA CROSSE	WIS.	90	500	7
				<u>415</u>	<u>2,500</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>BLACK</u>						
BLACK RIVER FALLS CITY OF	BLACK RIVER FALLS	BLACK	WIS.	920	2,200	18
MISS VALLEY PUB SERV CO	HATFIELD	BLACK	WIS.	4,800	16,500	99
MERRILLAN LT AND WTR DEPT	MERRILLAN	HALL CR	WIS.	75	200	-
				5,795	18,900	
<u>ZUMBRO</u>						
ROCHESTER CITY OF	ROCHESTER	ZUMBRO	MINN.	1,840	6,000	57
				1,840	6,000	
<u>CHIPPEWA</u>						
WISCONSIN HYDRO ELEC CO	EAU GALLE	EAU GALLE	WIS.	360	1,000	28
NORTHERN STS PWR CO WIS	MENOMONIE	RED CEDAR	WIS.	1,200	8,500	21
NORTHERN STS PWR CO WIS	CEDAR FALLS	RED CEDAR	WIS.	6,000	26,570	51
WISCONSIN HYDRO ELEC CO	COLFAX	RED CEDAR	WIS.	1,200	6,000	22
BARRON LT AND WTR COMM	BARRON	YELLOW	WIS.	207	600	12
WISCONSIN HYDRO ELEC CO	CHETEK	RED CEDAR	WIS.	250	500	8
NORTHERN STS PWR CO WIS	RICE LAKE	RED CEDAR	WIS.	320	1,300	12
EAU CLAIRE DELLS IMPR CO	EAU CLAIRE	CHIPPEWA	WIS.	8,900	43,004	26
NORTHERN STS PWR CO WIS	DELLS	CHIPPEWA	WIS.	600	2,000	18
NORTHERN STS PWR CO WIS	CHIPPEWA FALLS	CHIPPEWA	WIS.	21,600	65,000	29
TILDEN EL LT CO	CHIPPEWA FALLS	DUNCAN CR	WIS.	75	300	-
NORTHERN STS PWR CO WIS	WISCONSIA	CHIPPEWA	WIS.	31,680	126,000	54
NORTHERN STS PWR CO WIS	JIM FALLS	CHIPPEWA	WIS.	14,400	79,731	54
CORNELL WOOD PRODUCTS CO	*CORNEILL	CHIPPEWA	WIS.	2,160	17,200	37
NORTHERN STS PWR CO WIS	HOLCOMBE	CHIPPEWA	WIS.	33,750	102,000	44
DAIRYLAND PWR COOP	THORNAPPLE	FLAMBEAU	WIS.	1,400	7,600	15
DAIRYLAND PWR COOP	PORT ARTHUR	FLAMBEAU	WIS.	520	2,600	18
DAIRYLAND PWR COOP	LADYSMITH	FLAMBEAU	WIS.	1,800	10,500	16
DAIRYLAND PWR COOP	FLAMBEAU	FLAMBEAU	WIS.	15,000	48,000	65
LAKE SUPERIOR DIST PWR CO	BIG FALLS	FLAMBEAU	WIS.	7,780	35,000	52
FLAMBEAU PAPER CO	*PARK FALLS	FLAMBEAU	WIS.	3,900	19,000	56
GRIMM POWER CO	RADISSON	OREILLES	WIS.	525	900	-
				153,627	603,305	
<u>CANNON</u>						
NORTHERN STS PWR CO MINN	CANNON FALLS	CANNON	MINN.	1,900	9,200	58
				1,900	9,200	
<u>ST CROIX</u>						
RIVER FALLS MUN UTILS	POWELL FALLS	KINNIKINNIC	WIS.	125	400	18
RIVER FALLS MUN UTILS	JUNCTION	KINNIKINNIC	WIS.	250	600	48
NORTHERN STS PWR CO WIS	ST CROIX	WILLOW	WIS.	300	400	14
NORTHERN STS PWR CO WIS	LITTLE FALLS	WILLOW	WIS.	300	700	27
NORTHERN STS PWR CO WIS	WILLOW FALLS	WILLOW	WIS.	600	2,000	107
NORTHERN STS PWR CO WIS	MOUND	WILLOW	WIS.	180	800	50
INTERSTATE LT AND PWR CO	APPLE RIVER	APPLE	WIS.	3,000	10,907	83
INTERSTATE LT AND PWR CO	SOMERSET	APPLE	WIS.	475	2,100	18
WISCONSIN HYDRO ELEC CO	RIVERDALE	APPLE	WIS.	500	3,300	23
WISCONSIN HYDRO ELEC CO	MCCLURE	APPLE	WIS.	160	1,200	17
WISCONSIN HYDRO ELEC CO	HUNTINGDON	APPLE	WIS.	640	2,900	27
NORTHWESTERN WIS ELEC CO	BALSAM LAKE	BALSAM LAKE	WIS.	68	200	33
WISCONSIN HYDRO ELEC CO	LITTLE FALLS	APPLE	WIS.	92	400	13
WISCONSIN HYDRO ELEC CO	BLACK BROOK	APPLE	WIS.	540	1,700	23
NORTHERN STS PWR CO WIS	ST CROIX FALLS	ST CROIX	WIS.	21,400	98,367	59
FRANCIS H MURRAY	KOST	SUNRISE	MINN.	80	-	12
MINNESOTA POWER AND LT CO	SANDSTONE	KETTLE	MINN.	475	2,000	15
CLAM RIVER DAM CO	CLAM RIVER	CLAM	WIS.	800	4,000	21
NORTHWESTERN WIS ELEC CO	CLAM FALLS	CLAM	WIS.	150	500	29
NORTHWESTERN WIS ELEC CO	DANBURY	YELLOW	WIS.	1,076	3,000	29
SPOONER BOARD OF PUB WKS	SPOONER	YELLOW	WIS.	110	200	-
WISCONSIN HYDRO ELEC CO	TREGO	NAMAKAGON	WIS.	1,200	7,000	30
LAKE SUPERIOR DIST PWR CO	HAYWARD	NAMAKAGON	WIS.	168	1,300	16
				32,689	143,974	
<u>MINNESOTA</u>						
NORTHERN STS PWR CO MINN	RAPIDAN	BLUE EARTH	MINN.	1,500	8,600	62
REDWOOD FALLS PUB UT COMM	REDWOOD FALLS	REDWOOD	MINN.	500	400	85
NORTHERN STS PWR CO MINN	MINNESOTA FALLS	MINNESOTA	MINN.	780	3,100	19
GRANITE FALLS CITY OF	GRANITE FALLS	MINNESOTA	MINN.	540	2,500	14
				3,320	14,600	

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u>	<u>NAME OF PLANT</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>MISSISSIPPI MAIN STREAM</u>						
FORD MOTOR CO	*TWIN CITY	MISSISSIPPI	MINN.	14,400	56,520	36
NORTHERN STS PWR CO MINN	LOWER DAM	MISSISSIPPI	MINN.	8,000	34,900	19
GENERAL MILLS INC	*MINNEAPOLIS	MISSISSIPPI	MINN.	1,536	10,000	49
TWIN CITY RAPID TRANS CO	*HENNEPIN ISLAND	MISSISSIPPI	MINN.	9,000	26,400	49
NORTHERN STS PWR CO MINN	CONSOLIDATED	MISSISSIPPI	MINN.	2,730	20,553	49
NORTHERN STS PWR CO MINN	MAIN STREET	MISSISSIPPI	MINN.	960	9,400	45
NORTHERN STS PWR CO MINN	COON RAPIDS	MISSISSIPPI	MINN.	6,500	39,000	18
				<u>43,126</u>	<u>226,773</u>	
<u>ELK</u>						
ELK RIVER MUNICIPAL UTIL	ELK RIVER	ELK	MINN.	344	1,000	15
				<u>344</u>	<u>1,000</u>	
<u>MISSISSIPPI MAIN STREAM</u>						
NORTHERN STS PWR CO MINN	ST CLOUD NO 2	MISSISSIPPI	MINN.	1,000	9,400	18
NORTHERN STS PWR CO MINN	ST CLOUD NO 1	MISSISSIPPI	MINN.	<u>1,200</u>	<u>14,200</u>	<u>18</u>
				<u>2,200</u>	<u>23,600</u>	
<u>SAUK</u>						
COLD SPRING GRANITE CO	*FINISHING	SAUK	MINN.	150	120	9
				<u>150</u>	<u>120</u>	
<u>MISSISSIPPI MAIN STREAM</u>						
ST REGIS PAPER CO	*SARTELL	MISSISSIPPI	MINN.	2,340	7,400	21
MINNESOTA POWER AND LT CO	BLANCHARD	MISSISSIPPI	MINN.	12,000	60,000	45
MINNESOTA POWER AND LT CO	LITTLE FALLS	MISSISSIPPI	MINN.	<u>3,520</u>	<u>21,231</u>	<u>24</u>
				<u>17,860</u>	<u>86,631</u>	
<u>CROW WING</u>						
MINNESOTA POWER AND LT CO	SYLVAN	CROW WING	MINN.	1,800	9,800	22
MINNESOTA POWER AND LT CO	PILLAGER	CROW WING	MINN.	1,520	9,300	22
MINNESOTA POWER AND LT CO	PARK RAPIDS	FISH HOOK	MINN.	150	-	15
				<u>3,470</u>	<u>19,100</u>	
<u>MISSISSIPPI MAIN STREAM</u>						
NORTHWEST PAPER CO	*BRAINERD	MISSISSIPPI	MINN.	1,720	11,200	22
				<u>1,720</u>	<u>11,200</u>	
<u>PINE</u>						
MINNESOTA POWER AND LT CO	PINE RIVER	NORWAY BR	MINN.	125	-	-
				<u>125</u>		
<u>PRAIRIE</u>						
BLANDIN PAPER CO	GRAND RAPIDS	PRAIRIE	MINN.	1,084	3,400	35
				<u>1,084</u>	<u>3,400</u>	
<u>MISSISSIPPI MAIN STREAM</u>						
BLANDIN PAPER CO	*GRAND RAPIDS	MISSISSIPPI	MINN.	2,200	1,500	20
OTTER TAIL POWER CO	BEMIDJI	MISSISSIPPI	MINN.	640	2,200	22
				<u>2,840</u>	<u>3,700</u>	
<u>UPPER MISSISSIPPI R. TOTAL</u>				<u>616,916</u>	<u>3,003,547</u>	
<u>MISSOURI RIVER</u>						
<u>OSAGE</u>						
UNION ELECTRIC CO OF MO	#OSAGE	OSAGE	MO.	133,200	375,000	96
SHO ME POWER COOP INC	NIANGUA	NIANGUA	MO.	3,000	12,599	41
WEST MISSOURI POWER CO	OSCEOLA	OSAGE	MO.	1,600	7,000	14
EMPIRE DISTRICT ELEC CO	CAPLINGER	SAC	MO.	425	500	10
				<u>138,225</u>	<u>395,099</u>	
<u>KANSAS</u>						
BOWERSOCK MLS AND PWR CO	LAWRENCE	KANSAS	KANS.	1,850	9,300	13
THE KANSAS PWR AND LT CO	ROCKY FORD	BIG BLUE	KANS.	460	1,300	17
FAIRBURY CITY OF	FAIRBURY	LITTLE BLUE	NEBR.	240	300	12
CONSUMERS PUB POWER DIST	HEBRON	LITTLE BLUE	NEBR.	120	400	12
KANSAS PWR AND LT CO	MARYSVILLE	BIG BLUE	KANS.	600	400	14
NORRIS RURAL PUB PWR DIST	BARNESTON	BIG BLUE	NEBR.	720	2,500	-
CONSUMERS PUB POWER DIST	BLUE SPRINGS NO 2	BIG BLUE	NEBR.	418	1,200	12
CONSUMERS PUB POWER DIST	HOLMESVILLE	BIG BLUE	NEBR.	280	900	14
CONSUMERS PUB POWER DIST	BEATRICE NO 3	BIG BLUE	NEBR.	175	400	10
CRETE MILLS	*CRETE	BIG BLUE	NEBR.	314	1,200	-

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>KANSAS CONT'D</u>						
CONSUMERS PUB POWER DIST	SEWARD NO 3	W FK BLUE	NEBR.	288	800	20
CONSUMERS PUB POWER DIST	SEWARD NO 6	W FK BLUE	NEBR.	150	500	14
CONSUMERS PUB POWER DIST	SEWARD NO 2	W FK BLUE	NEBR.	125	500	16
CONSUMERS PUB POWER DIST	SEWARD NO 1	BIG BLUE	NEBR.	280	500	15
CONSUMERS PUB POWER DIST	SEWARD NO 5	BIG BLUE	NEBR.	240	300	16
IMPERIAL CITY OF	IMPERIAL	FRENCHMAN CR	NEBR.	120	500	17
PERU VILLAGE OF	PERU	BUCK CR	NEBR.	100	-	-
				6,480	21,000	
<u>PLATTE</u>						
NORFOLK CEREAL FLOUR MILL	*NORFOLK	ELKHORN	NEBR.	150	360	13
NEBRASKA PUB PWR SYSTEM	COLUMBUS	LOUP CANAL	NEBR.	39,900	116,000	116
NEBRASKA PUB PWR SYSTEM	MONROE	LOUP CANAL	NEBR.	7,848	50,000	35
CONSUMERS PUB POWER DIST	ST EDWARD NO 2	BEAVER CR	NEBR.	96	200	11
CONSUMERS PUB POWER DIST	FULLERTON	CEDAR	NEBR.	394	1,200	15
CEDAR VALLEY ROLLER MILL	SPALDING	CEDAR	NEBR.	250	500	16
CONSUMERS PUB POWER DIST	ERICSON	CEDAR	NEBR.	350	700	19
CONSUMERS PUB POWER DIST	BOELUS	MIDDLE LOUP	NEBR.	2,000	4,500	32
CALLAWAY ELECTRIC CO	CALLAWAY	SOUTH LOUP	NEBR.	55	200	14
NEBRASKA PUB PWR SYSTEM	KEARNEY	PLATTE	NEBR.	1,500	2,900	54
NEBRASKA PUB PWR SYSTEM	GOTHENBURG	PLATTE	NEBR.	400	1,700	45
NEBRASKA PUB PWR SYSTEM	JOHNSON NO 2	PLATTE CANAL	NEBR.	18,000	100,000	146
NEBRASKA PUB PWR SYSTEM	JOHNSON NO 1	PLATTE CANAL	NEBR.	18,000	100,000	118
NEBRASKA PUB PWR SYSTEM	JEFFREY CANYON	PLATTE CANAL	NEBR.	18,000	104,000	117
LOVELAND CITY OF	LOVELAND	THOMPSON	COLO.	900	4,700	345
TOWN OF ESTES PARK	ESTES PARK	FALL	COLO.	880	2,300	547
BUREAU OF RECLAMATION	ESTES	THOMPSON	COLO.	45,000	113,000	572
BUREAU OF RECLAMATION	MARYS LAKE	MARYS LAKE	COLO.	8,100	54,000	217
LONGMONT CITY OF	LONGMONT	ST VRAIN CR	COLO.	1,200	3,000	500
OZARK MAHONING CO	*WANO MILL	JAMES CR	COLO.	150	220	-
PUBLIC SERVICE CO OF COLO	BOULDER	MIDDLE BOULDER CR	COLO.	20,000	33,000	1,828
FALL RIVER POWER CO	FALL RIVER	FALL	COLO.	600	-	650
PUBLIC SERVICE CO OF COLO	GEORGETOWN	S CLEAR CR	COLO.	1,440	6,800	700
NEBRASKA PUB PWR SYSTEM	NORTH PLATTE	NORTH PLATTE CANAL	NEBR.	26,100	100,000	218
BUREAU OF RECLAMATION	LINGLE	NORTH PLATTE	WYO.	1,400	8,400	110
BUREAU OF RECLAMATION	GUERNSEY	NORTH PLATTE	WYO.	4,800	27,000	86
BUREAU OF RECLAMATION	KORTES	NORTH PLATTE	WYO.	36,000	170,000	203
BUREAU OF RECLAMATION	SEMINOE	NORTH PLATTE	WYO.	32,400	130,000	214
				285,913	1,134,680	
<u>BIG SIOUX</u>						
NORTHERN STS PWR CO MINN	SIOUX FALLS	BIG SIOUX	S. DAK.	1,500	7,000	73
				1,500	7,000	
<u>NIOBRARA</u>						
CONSUMERS PUB POWER DIST	SPENCER	NIOBRARA	NEBR.	2,640	10,200	20
CONSUMERS PUB POWER DIST	LONG PINE	LONG PINE CR	NEBR.	150	400	23
CONSUMERS PUB POWER DIST	AINSWORTH	PLUM CR	NEBR.	350	1,000	31
CONSUMERS PUB POWER DIST	FORT NIOBRARA	NIOBRARA	NEBR.	980	1,700	13
CONSUMERS PUB POWER DIST	MINNENICHADUZA	MINNECHADUZA CR	NEBR.	200	400	29
				4,320	13,700	
<u>WHITE</u>						
DON JONES	WHITE RIVER	S FK WHITE	S. DAK.	250	600	17
				250	600	
<u>CHEYENNE</u>						
BLACK HILLS PWR AND LT CO	REDWATER NO 2	REDWATER	S. DAK.	346	2,400	50
BLACK HILLS PWR AND LT CO	REDWATER NO 1	REDWATER	S. DAK.	1,000	4,300	100
HOMESTAKE MINING CO	*NO 1	SPEARFISH CR	S. DAK.	4,000	18,673	667
HOMESTAKE MINING CO	*NO 2	SPEARFISH CR	S. DAK.	4,000	12,764	545
HOMESTAKE MINING CO	*ENGLEWOOD	ENGLEWOOD CR	S. DAK.	400	1,000	486
BUREAU OF RECLAMATION	ANGOSTURA	S FK CHEYENNE	S. DAK.	1,200	6,000	113
CENTRAL ELEC AND GAS CO	FALL RIVER	FALL	S. DAK.	325	1,500	105
				11,271	46,637	
<u>YELLOWSTONE</u>						
MOUNTAIN STATES POWER CO	BUFFALO	CLEAR CR	WYO.	400	1,700	355
BUREAU OF RECLAMATION	HEART MOUNTAIN	SHOSHONE	WYO.	5,000	54,000	276
BUREAU OF RECLAMATION	SHOSHONE	SHOSHONE	WYO.	5,600	45,000	225
BUREAU OF RECLAMATION	BOYSEN	BIG HORN	WYO.	15,000	79,000	115
BUREAU OF RECLAMATION	PILOT BUTTE	WIND	WYO.	1,600	14,400	105
DUBOIS PUBLIC SERVICE CO	DUBOIS	WARM SPRINGS	WYO.	100	300	-

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>YELLOWSTONE CONT'D</u>						
MOUNTAIN STATES POWER CO	LANDER	POPO AGIE	WYO.	552	2,300	220
THE MONTANA POWER CO	MYSTIC LAKE	W ROSEBUD CR	MONT.	10,000	59,429	1,128
JARDINE MINING CO	*JARDINE	BEAR CR	MONT.	600	2,100	-
NATIONAL PARK SERVICE	MAMMOTH	GARDINER	WYO.	600	1,400	310
				<u>39,452</u>	<u>259,629</u>	
<u>MISSOURI MAIN STREAM</u>						
CORPS OF ENGINEERS	FORT PECK	MISSOURI	MONT.	85,000	685,000	213
THE MONTANA POWER CO	MORONY	MISSOURI	MONT.	45,000	284,540	83
THE MONTANA POWER CO	RYAN	MISSOURI	MONT.	48,000	443,490	151
THE MONTANA POWER CO	RAINBOW	MISSOURI	MONT.	36,500	296,045	114
THE MONTANA POWER CO	BLACK EAGLE	MISSOURI	MONT.	16,800	146,795	52
THE MONTANA POWER CO	HOLTER	MISSOURI	MONT.	38,400	272,450	109
THE MONTANA POWER CO	HAUSER LAKE	MISSOURI	MONT.	17,000	132,670	67
				<u>286,700</u>	<u>2,260,990</u>	
<u>MADISON</u>						
THE MONTANA POWER CO	MADISON NO 2	MADISON	MONT.	9,000	70,211	119
				<u>9,000</u>	<u>70,211</u>	
<u>MISSOURI RIVER TOTAL</u>				<u>783,111</u>	<u>4,209,546</u>	
<u>LOWER MISSISSIPPI RIVER</u>						
<u>RED</u>						
LION OIL CO	*CHEMICAL DIVISION	BAYOU DE LOUTRE	ARK.	2,800	8,700	-
CORPS OF ENGINEERS	NARROWS	LITTLE MISSOURI	ARK.	17,000	27,000	145
ARKANSAS PWR AND LT CO	REMMEL	OUACHITA	ARK.	9,300	33,387	50
ARKANSAS PWR AND LT CO	CARPENTER	OUACHITA	ARK.	56,000	70,131	95
CORPS OF ENGINEERS	#DENISON	RED	TEX.	71,200	268,000	107
PUBLIC SERVICE CO OF OKLA	CHICKASHA	WASHITA	OKLA.	980	1,200	21
ANADARKO CITY OF	ANADARKO	WASHITA	OKLA.	424	-	14
PUBLIC SERVICE CO OF OKLA	CARNEGIE	WASHITA	OKLA.	220	-	15
				<u>157,924</u>	<u>408,418</u>	
<u>ARKANSAS</u>						
SOUTHWESTERN PWR ADMIN	PENSACOLA	GRAND	OKLA.	86,200	328,000	121
THE EMPIRE DIST ELEC CO	LOWELL	SPRING	KANS.	3,000	8,500	24
THE EMPIRE DIST ELEC CO	GRAND FALLS	SHOAL CR	MO.	1,000	2,000	23
KANSAS GAS AND EL CO	NEOSHO FALLS	NEOSHO	KANS.	275	300	12
COLORADO SPRINGS CITY OF	MANITOU SPRINGS	RUXTON CR	COLO.	5,000	16,500	2,421
COLORADO SPRINGS CITY OF	RUSTON PARK	RUXTON CR	COLO.	1,000	2,600	1,165
SOUTHERN COLORADO PWR CO	SKAGUAY	BEAVER CR	COLO.	1,500	9,000	1,164
PUBLIC SERVICE CO OF COLO	SALIDA NO 2	ARKANSAS	COLO.	800	3,900	347
PUBLIC SERVICE CO OF COLO	SALIDA NO 1	ARKANSAS	COLO.	1,070	4,400	435
SANGRE DE CRISTO EL ASSN	BUENA VISTA	ARKANSAS	COLO.	150	-	-
				<u>99,995</u>	<u>375,200</u>	
<u>WHITE</u>						
ARKANSAS MISSOURI PR CORP	HILTON DAM NO 3	SPRING	ARK.	600	3,600	20
ARKANSAS MISSOURI PR CORP	MAMMOTH SPRINGS	SPRING	ARK.	440	2,500	20
CORPS OF ENGINEERS	#NORFORK	NORTH FORK	ARK.	70,400	172,000	176
CORPS OF ENGINEERS	BULL SHOALS	WHITE	ARK.	120,000	650,000	198
EMPIRE DISTRICT ELEC CO	OZARK BEACH	WHITE	MO.	16,000	59,600	48
SEGELHORST BROTHERS	BOURBEUSE	BOURBEUSE	MO.	48	-	-
				<u>207,488</u>	<u>887,700</u>	
<u>LOWER MISSISSIPPI R TOTAL</u>				<u>465,407</u>	<u>1,671,318</u>	
<u>WESTERN GULF</u>						
<u>BRAZOS</u>						
BRAZOS R CON AND REC DIST	MORRIS SHEPPARD	BRAZOS	TEX.	22,500	89,138	130
				<u>22,500</u>	<u>89,138</u>	
<u>COLORADO TEXAS</u>						
LOWER COLORADO R AUTH	AUSTIN	COLORADO	TEX.	13,500	70,000	62
LOWER COLORADO R AUTH	MARSHALL FORD	COLORADO	TEX.	67,500	200,000	150
LOWER COLORADO R AUTH	MARBLE FALLS	COLORADO	TEX.	30,000	63,000	57
LOWER COLORADO R AUTH	GRANITE SHOAL	COLORADO	TEX.	45,000	95,000	87
LOWER COLORADO R AUTH	INKS	COLORADO	TEX.	12,500	46,000	61
LOWER COLORADO R AUTH	BUCHANAN	COLORADO	TEX.	33,750	100,000	132
				<u>202,250</u>	<u>574,000</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

<div> DRAINAGE AND RIVER BASIN NAME OF OWNER </div>	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>GUADALUPE</u>						
CENTRAL PWR AND LT CO	CUERO	GUADALUPE	TEX.	1,050	4,500	15
CENTRAL PWR AND LT CO	GONZALES	GUADALUPE	TEX.	1,200	4,500	15
C ZEDLER AND SONS	*LULING	SAN MARCOS	TEX.	200	430	9
TEXAS HYDRO ELEC CORP	H 5	GUADALUPE	TEX.	2,400	8,200	28
TEXAS HYDRO ELEC CORP	H 4	GUADALUPE	TEX.	2,400	8,400	28
TEXAS POWER CORP	NOLTE TP 5	GUADALUPE	TEX.	2,480	7,800	27
SEGUIN CITY OF	SEGUIN	GUADALUPE	TEX.	230	1,600	9
TEXAS HYDRO ELEC CORP	TP 4	GUADALUPE	TEX.	2,400	8,600	29
TEXAS POWER CORP	ABBOTT TP 3	GUADALUPE	TEX.	2,800	10,300	31
TEXAS POWER CORP	DUNLAP TP 1	GUADALUPE	TEX.	3,600	15,000	46
LOWER COLORADO R AUTH	P AND M MILLS	GUADALUPE	TEX.	500	200	8
LOWER COLORADO R AUTH	LANDA	COMAL	TEX.	600	500	24
				19,860	70,030	
<u>RIO GRANDE</u>						
CENTRAL PWR AND LT CO	EAGLE PASS	RIO GRANDE CANAL	TEX.	9,600	50,000	83
CENTRAL PWR AND LT CO	LAKE WALK	DEVILS	TEX.	1,350	5,100	35
CENTRAL PWR AND LT CO	DEVILS LAKE	DEVILS	TEX.	1,800	6,000	45
RED BLUFF W PWR CONT DIST	RED BLUFF	PECOS	TEX.	2,300	7,000	83
SOUTHWESTERN PUB SERV CO	CARLSBAD	PECOS	N. MEX.	330	1,000	17
SOUTHWESTERN PUB SERV CO	SANTA ROSA	PECOS	N. MEX.	80	300	13
BUREAU OF RECLAMATION	ELEPHANT BUTTE	RIO GRANDE	N. MEX.	24,300	96,000	190
CREEDE CITY OF	CREEDE	WILLOW CR	COLO.	30	100	-
				39,790	165,500	
				284,400	898,668	
<u>WESTERN GULF TOTAL</u>						
<u>COLORADO RIVER</u>						
<u>GILA</u>						
SALT R AGR IMP PWR DIST	CROSS CUT	CROSS CUT CANAL	ARIZ.	5,100	7,000	116
SALT R AGR IMP PWR DIST	SOUTH CONSOL	CONSOLIDATED CANAL	ARIZ.	800	5,700	34
NO ARIZONA LT AND PWR CO	CHILDS	VERDE	ARIZ.	5,400	24,000	1,075
NO ARIZONA LT AND PWR CO	IRVING	FOSSIL CR	ARIZ.	1,600	11,100	482
SALT R AGR IMP PWR DIST	STEWART MOUNTAIN	SALT	ARIZ.	10,400	25,000	116
SALT R AGR IMP PWR DIST	MORMON FLAT	SALT	ARIZ.	7,000	35,000	131
SALT R AGR IMP PWR DIST	HORSE MESA	SALT	ARIZ.	30,000	125,000	266
SALT R AGR IMP PWR DIST	ROOSEVELT	SALT	ARIZ.	19,290	50,000	226
US INDIAN IRRIGATION SER	COOLIDGE	GILA	ARIZ.	10,000	24,000	205
				89,590	306,800	
<u>YUMA CANAL</u>						
BUREAU OF RECLAMATION	SIPHON DROP	YUMA CANAL	CALIF.	1,600	15,000	15
				1,600	15,000	
<u>ALL AMERICAN CANAL</u>						
IMPERIAL IRRIGATION DIST	DROP NO 4	ALL AMERICAN CANAL	CALIF.	19,600	100,000	50
IMPERIAL IRRIGATION DIST	DROP NO 3	ALL AMERICAN CANAL	CALIF.	4,800	45,000	25
				24,400	145,000	
<u>COLORADO MAIN STREAM</u>						
BUREAU OF RECLAMATION	PARKER	COLORADO	CALIF.	120,000	700,000	76
BUREAU OF RECLAMATION	DAVIS	COLORADO	ARIZ.	225,000	1,065,000	145
BUREAU OF RECLAMATION	#0000VER	COLORADO	ARIZ-NEV	1,249,800	5,348,000	530
				1,594,800	7,113,000	
<u>VIRGIN</u>						
SOUTHERN UTAH POWER CO	NO 1	SANTA CLARA	UTAH	750	2,400	470
SOUTHERN UTAH POWER CO	NO 3	SANTA CLARA	UTAH	640	2,600	389
SOUTHERN UTAH POWER CO	NO 2	SANTA CLARA	UTAH	500	2,000	330
SOUTHERN UTAH POWER CO	NO 4	VIRGIN	UTAH	1,000	5,000	236
				2,890	12,000	
<u>BRIGHT ANGEL CREEK</u>						
UNION PACIFIC RAILROAD CO	*KAIBAB FOREST	BRIGHT ANGEL CR	ARIZ.	200	20	-
				200	20	
<u>LITTLE COLORADO</u>						
SHOWLOW WTR AND PWR DIST	SNOWFLAKE	SILVER CR	ARIZ.	50	400	-
ROUND VALLEY LT AND PWR C	SPRINGVILLE	LITTLE COLORADO	ARIZ.	40	-	-
				90	400	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SAN JUAN</u>						
FARMINGTON TOWN OF THE WESTERN COLORADO P CO LA PLATA ELEC ASSN INC	FARMINGTON TACOMA PAGOSA SPRINGS	LAS ANIMAS LAS ANIMAS SAN JUAN	N. MEX. COLO. COLO.	200 8,000 150 8,350	700 22,000 400 23,100	26 982 -
<u>FREMONT</u>						
GARKANE POWER ASSN INC	TORREY	FREMONT	UTAH	150 150	700 700	-
<u>GREEN</u>						
UINTAH POWER AND LIGHT CO MOON LAKE ELEC ASSN INC UINTAH POWER AND LIGHT CO PINEDALE PWR AND LT CO	UINTAH YELLOWSTONE VERNAL PINEDALE	UINTAH YELLOWSTONE CR ASHLEY CR PINE CR	UTAH UTAH UTAH WYO.	1,200 900 250 150 2,500	4,000 2,600 1,400 400 8,400	450 - 84 -
<u>MILL CREEK</u>						
UTAH POWER AND LIGHT CO	MOAB	MILL CR	UTAH	50 50	300 300	80
<u>DOLORES</u>						
TELLURIDE MINES INC THE WESTERN COLORADO P CO THE WESTERN COLORADO P CO	*BRIDAL VEIL & PAND ILIUM NEW AMES	SAN MIGUEL LAKE FORK LAKE FORK	COLO. COLO. COLO.	800 1,200 2,600 5,600	6,000 7,600 13,380 26,980	- 500 911
<u>GUNNISON</u>						
REDLANDS WATER AND PWR CO THE WESTERN COLORADO P CO	REDLANDS OURAY	GUNNISON UNCOMPAGRE	COLO. COLO.	1,400 432 1,832	9,000 3,500 12,500	35 432
<u>COLORADO MAIN STREAM</u>						
PUB SERV CO OF COLORADO	PALISADE	COLORADO	COLO.	3,000 3,000	20,600 20,600	80
<u>RIFLE CREEK</u>						
PUB SERV CO OF COLORADO	RIFLE	RIFLE CR	COLO.	125 125	1,200 1,200	71
<u>COLORADO MAIN STREAM</u>						
GLENWOOD SPRINGS CITY OF	GLENWOOD SPRINGS	COLORADO	COLO.	200 200	1,500 1,500	175
<u>ROARING FORK</u>						
MOUNTAIN UTILITIES CORP	ASPEN	ROARING FORK	COLO.	1,120 1,120	2,000 2,000	18
<u>COLORADO MAIN STREAM</u>						
PUB SERV CO OF COLORADO	SHOSHONE	COLORADO	COLO.	14,400 14,400	90,000 90,000	165
<u>EAGLE</u>						
NEW JERSEY ZINC CO	*EAGLE	FALL CR	COLO.	358 358	980 980	625
<u>BLUE</u>						
BUREAU OF RECLAMATION PUB SERV CO OF COLORADO	GREEN MOUNTAIN SUMMIT	BLUE SNAKE	COLO. COLO.	21,600 800 22,400	64,020 6,900 70,920	259 460
<u>COLORADO RIVER TOTAL</u>				1,773,655	7,851,400	
<u>GREAT BASIN</u>						
<u>TRUCKEE</u>						
SIERRA PACIFIC POWER CO SIERRA PACIFIC POWER CO SIERRA PACIFIC POWER CO SIERRA PACIFIC POWER CO SIERRA PACIFIC POWER CO	RENO WASHOE VERDI FLEISH FARAD	TRUCKEE TRUCKEE TRUCKEE TRUCKEE TRUCKEE	NEV. NEV. NEV. NEV. CALIF.	700 1,500 2,400 2,000 2,800 9,400	5,200 13,400 18,100 18,700 17,000 72,400	41 88 96 125 83

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CARSON LAKE</u>						
TRUCKEE CARSON IRR DIST	LAHONTAN	CARSON	NEV.	1,640	12,300	120
				1,640	12,300	
<u>MONO LAKE</u>						
CALIFORNIA ELEC PWR CO	RUSH CREEK	RUSH CR	CALIF.	8,400	44,000	1,807
CALIFORNIA ELEC PWR CO	POOLE	LEEVENING CR	CALIF.	10,000	26,000	1,675
CALIFORNIA ELEC PWR CO	MILL CREEK	MILL CR	CALIF.	2,400	8,100	785
				20,800	78,100	
<u>OWENS</u>						
LOS ANGELES D WTR AND PR	FRANKLIN CANYON	LOS ANGELES AQDUC	CALIF.	2,000	8,800	285
LOS ANGELES D WTR AND PR	SAN FERNANDO	LOS ANGELES AQDUC	CALIF.	5,600	50,000	250
LOS ANGELES D WTR AND PR	SAN FRANCISQUITO 2	LOS ANGELES AQDUC	CALIF.	42,000	115,000	540
LOS ANGELES D WTR AND PR	# SAN FRANCISQUITO 1	LOS ANGELES AQDUC	CALIF.	58,875	210,000	935
LOS ANGELES D WTR AND PR	HAIWEE	LOS ANGELES AQDUC	CALIF.	5,600	34,000	193
LOS ANGELES D WTR AND PR	COTTONWOOD	COTTONWOOD CR	CALIF.	1,500	5,800	1,267
LOS ANGELES D WTR AND PR	DIVISION CR NO 2	DIVISION CR	CALIF.	600	3,000	1,250
LOS ANGELES D WTR AND PR	BIG PINE NO 3	BIG PINE CR	CALIF.	3,200	15,000	1,245
LOS ANGELES D WTR AND PR	CONTROL GORGE	OWENS	CALIF.	37,500	158,000	781
LOS ANGELES D WTR AND PR	MIDDLE GORGE	OWENS	CALIF.	37,500	155,000	767
LOS ANGELES D WTR AND PR	ADAMS MAIN	OWENS	CALIF.	5,000	26,000	245
LOS ANGELES D WTR AND PR	ADAMS AUXILIARY	OWENS	CALIF.	2,400	15,400	151
CHAMPION SILLIMANITE INC	*LAWS	MILNER CR	CALIF.	312	400	1,017
CALIFORNIA ELEC PWR CO	BISHOP CR NO 6	BISHOP CR	CALIF.	1,800	11,300	260
CALIFORNIA ELEC PWR CO	BISHOP CR NO 5	BISHOP CR	CALIF.	3,500	18,000	420
CALIFORNIA ELEC PWR CO	BISHOP CR NO 4	BISHOP CR	CALIF.	6,300	44,000	1,112
CALIFORNIA ELEC PWR CO	BISHOP CR NO 3	BISHOP CR	CALIF.	6,600	35,000	809
CALIFORNIA ELEC PWR CO	BISHOP CR NO 2	BISHOP CR	CALIF.	6,320	39,000	953
				226,607	943,700	
<u>HUMBOLDT LAKE</u>						
CALIF PACIFIC UTIL CO	WINNEMUCCA	WATER CANYON	NEV.	120	100	1,100
ELKO LAMOILLE POWER CO	LAMOILLE	LAMOILLE CR	NEV.	200	1,500	-
WELLS POWER CO	WELLS	SALMON FALLS	NEV.	120	1,500	-
				440	3,100	
<u>DUCK VALLEY CREEK</u>						
KENNECOTT COPPER CORPN	*MCGILL	DUCK VALLEY CR	NEV.	840	1,900	-
				840	1,900	
<u>GREAT SALT LAKE</u>						
UTAH POWER AND LIGHT CO	CUTLER	BEAR	UTAH	30,000	88,964	127
UTAH POWER AND LIGHT CO	HYRUM	BLACKSMITH FORK	UTAH	2,000	7,000	256
HYRUM CITY CORPN	HYRUM	BLACKSMITH FORK	UTAH	500	3,400	-
UTAH STATE AGR COLLEGE	LOGAN	LOGAN	UTAH	450	1,500	30
UTAH POWER AND LIGHT CO	LOGAN	LOGAN	UTAH	2,000	11,000	213
LOGAN CITY OF	LOGAN CITY	LOGAN	UTAH	1,400	6,600	98
UTAH POWER AND LIGHT CO	ONEIDA	BEAR	IDAHO	30,000	48,159	145
UTAH POWER AND LIGHT CO	COVE	BEAR	IDAHO	7,500	14,079	92
UTAH POWER AND LIGHT CO	GRACE	BEAR	IDAHO	44,000	71,982	525
UTAH POWER AND LIGHT CO	SODA	BEAR	IDAHO	14,000	16,356	79
SODA SPRINGS CITY OF	SODA SPRINGS	SODA CR	IDAHO	320	1,500	-
UTAH POWER AND LIGHT CO	PARIS	PARIS CR	IDAHO	650	2,900	346
SWAN CREEK ELECTRIC CO	LAKETOWN	SWAN CR	UTAH	330	1,200	-
CALIF PACIFIC UTIL CO	COKEVILLE	PINE CR	WYO.	350	400	120
BRIGHAM CITY CORPORATION	BRIGHAM CITY	BOX ELDER CR	UTAH	1,200	5,800	-
UTAH POWER AND LIGHT CO	RIVERDALE	WEBER	UTAH	3,750	17,254	201
UTAH POWER AND LIGHT CO	WEBER	WEBER	UTAH	2,500	14,460	184
UTAH POWER AND LIGHT CO	PIONEER	OGDEN	UTAH	5,000	25,655	420
UTAH POWER AND LIGHT CO	LOWER MILL CREEK	MILL CR	UTAH	1,120	3,000	1,037
UTAH POWER AND LIGHT CO	UPPER MILL CREEK	MILL CR	UTAH	300	1,400	599
UTAH POWER AND LIGHT CO	GRANITE	BIG COTTONWOOD CR	UTAH	1,500	7,000	470
UTAH POWER AND LIGHT CO	STAIRS	BIG COTTONWOOD CR	UTAH	1,500	5,100	370
MURRAY CITY OF	GRANITE	LIT COTTONWOOD CR	UTAH	1,000	4,800	565
UTAH POWER AND LIGHT CO	BATTLE CREEK	BATTLE CR	UTAH	2,400	2,200	1,757
UTAH POWER AND LIGHT CO	LOWER AMERICAN FK	AMERICAN FORK	UTAH	950	4,200	292
UTAH POWER AND LIGHT CO	UPPER AMERICAN FK	AMERICAN FORK	UTAH	1,200	3,000	574
UTAH POWER AND LIGHT CO	ALPINE	FORK CR	UTAH	1,750	3,500	1,924
UTAH POWER AND LIGHT CO	OLMSTEAD	PROVO	UTAH	12,700	58,265	340
UTAH POWER AND LIGHT CO	SNAKE CREEK	SNAKE CR	UTAH	1,180	3,700	752
HEBER LT AND PWR PLT	SNAKE CREEK	SNAKE CR	UTAH	800	4,000	1,895
HEBER LT AND PWR PLT	HEBER	PROVO	UTAH	600	4,400	-
UTAH POWER AND LIGHT CO	MURDOCK	PROVO	UTAH	2,500	12,200	198

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>GREAT SALT LAKE CONT'D</u>						
UTAH POWER AND LIGHT CO	SANTAQUIN	SUMMIT CR	UTAH	880	3,300	656
STRAWBERRY WTR USERS ASSN	LOWER	SPANISH FORK	UTAH	250	-	-
STRAWBERRY WTR USERS ASSN	UPPER	SPANISH FORK	UTAH	900	6,400	-
STRAWBERRY WTR USERS ASSN	PAYSON	PETEETNEET CR	UTAH	400	2,300	-
SPRINGVILLE MUN CORP	SPRING CREEK	SPRING CR	UTAH	120	800	-
SPRINGVILLE MUN CORP	HOBBLE CREEK	HOBBLE CR	UTAH	300	1,400	-
SPRINGVILLE MUN CORP	BARTHOLOMEW	BARTHOLOMEW CR	UTAH	500	2,400	-
UTAH POWER AND LIGHT CO	SOUTH WILLOW	S WILLOW CR	UTAH	400	800	1,116
				179,200	472,374	
<u>LITTLE SALT LAKE</u>						
PAROWAN CITY CORPORATION	PAROWAN	CENTER CR	UTAH	600	2,200	-
				600	2,200	
<u>BEAVER</u>						
BEAVER CITY CORPORATION	BEAVER	BEAVER	UTAH	625	3,700	-
TELLURIDE POWER CO	LOWER BEAVER	BEAVER	UTAH	600	4,800	485
TELLURIDE POWER CO	UPPER BEAVER R	BEAVER	UTAH	2,400	10,900	1,100
				3,625	19,400	
<u>SEVIER LAKE</u>						
MANTI CITY LT AND PR DEPT	MANTI	MANTI CR	UTAH	520	2,900	-
EPHRAIM CITY OF	NO 1	CITY CR	UTAH	150	800	-
EPHRAIM CITY OF	NO 2	CITY CR	UTAH	210	1,000	-
SPRING CITY CORP	SPRING CITY	OAK CR	UTAH	60	400	-
MT PLEASANT CITY CORP	LOWER	PLEASANT CR	UTAH	150	900	-
MT PLEASANT CITY CORP	UPPER	PLEASANT CR	UTAH	175	1,000	-
FAIRVIEW CITY CORP	LOWER	COTTONWOOD CR	UTAH	100	200	-
FAIRVIEW CITY CORP	UPPER	COTTONWOOD CR	UTAH	60	300	-
BIG SPRINGS POWER CO	FOUNTAIN GREEN	BIG SPRINGS	UTAH	320	1,400	-
TELLURIDE POWER CO	GLENWOOD	SEVIER	UTAH	50	100	180
MONROE CITY CORP	LOWER MONROE	MONROE CR	UTAH	100	400	-
MONROE CITY CORP	UPPER MONROE	MONROE CR	UTAH	125	500	-
TELLURIDE POWER CO	PANGUITCH	PANGUITCH CR	UTAH	100	200	250
				2,120	10,100	
<u>GREAT BASIN TOTAL</u>				445,272	1,615,574	
<u>NORTH PACIFIC</u>						
<u>NOOKSACK</u>						
PUGET SOUND PWR AND LT CO	NOOKSACK	NOOKSACK	WASH.	1,500	7,700	228
				1,500	7,700	
<u>SKAGIT</u>						
PUGET SOUND PWR AND LT CO	BAKER RIVER	BAKER	WASH.	31,200	259,586	250
SUPERIOR PORT CEM CO	*SUPERIOR	BEAR CR	WASH.	2,125	14,000	420
SEATTLE DEPT OF LIGHTING	NEWHALEM	NEWHALEM CR	WASH.	2,000	12,200	500
SEATTLE DEPT OF LIGHTING	GORGE	SKAGIT	WASH.	134,400	683,000	292
SEATTLE DEPT OF LIGHTING	#DIABLO	SKAGIT	WASH.	122,400	829,000	330
SEATTLE DEPT OF LIGHTING	ROSS	SKAGIT	WASH.	90,000	720,000	395
				382,125	2,517,786	
<u>SNOHOMISH</u>						
PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 2	SNOQUALMIE	WASH.	9,300	70,000	270
PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 1	SNOQUALMIE	WASH.	11,000	82,000	258
				20,300	152,000	
<u>CEDAR</u>						
SEATTLE DEPT OF LIGHTING	CEDAR FALLS	CEDAR	WASH.	22,856	103,000	630
				22,856	103,000	
<u>PUYALLUP</u>						
PUGET SOUND PWR AND LT CO	WHITE RIVER	WHITE	WASH.	62,000	306,047	487
PUGET SOUND PWR AND LT CO	ELECTRON	PUYALLUP	WASH.	25,500	172,804	874
				87,500	478,851	
<u>NISQUALLY</u>						
CENTRALIA CITY OF	CENTRALIA	NISQUALLY	WASH.	4,000	40,000	208
TACOMA DEPT OF PUB UTILS	LA GRANDE	NISQUALLY	WASH.	64,000	357,000	419
TACOMA DEPT OF PUB UTILS	ALDER	NISQUALLY	WASH.	50,000	202,000	265
RAINIER NATIONAL PARK CO	*LONGMIRE	PARADISE	WASH.	900	1,300	486
				118,900	600,300	

SEE FOOTNOTES AT END OF TABLE

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By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>DESCHUTES</u>						
PUGET SOUND PWR AND LT CO	OLYMPIA	DESCHUTES	WASH.	1,750 1,750	6,000 6,000	84
<u>HOOD CANAL</u>						
TACOMA DEPT OF PUB UTILS	CUSHMAN NO 2	N FK ŠKOKOMISH	WASH.	81,000	200,000	480
TACOMA DEPT OF PUB UTILS	CUSHMAN NO 1	N FK ŠKOKOMISH	WASH.	43,000 124,000	100,000 300,000	255
<u>ELWHA</u>						
CROWN ZELLERBACH CORP	*ELWHA	ELWHA	WASH.	9,866	60,000	104
CROWN ZELLERBACH CORP	*GLINES CANYON	ELWHA	WASH.	10,666 20,532	80,000 140,000	192
<u>QUINAULT</u>						
QUINAULT LIGHT COMPANY	QUINAULT	ZEIGLER CR	WASH.	250 250	600 600	-
<u>COLUMBIA BASIN</u>						
<u>LEWIS</u>						
PACIFIC PWR AND LT CO	MERWIN	LEWIS	WASH.	91,000 91,000	482,000 482,000	185
<u>WILLAMETTE</u>						
PORTLAND GENERAL ELEC CO	STATION M	CLACKAMUS	OREG.	14,050	85,000	82
PORTLAND GENERAL ELEC CO	STATION G	CLACKAMUS	OREG.	15,250	113,000	133
PORTLAND GENERAL ELEC CO	STATION P	CLACKAMUS	OREG.	51,000	220,000	925
MCMINNVILLE CITY OF	STATION Q	BAKER CR	OREG.	200	400	-
PORTLAND GENERAL ELEC CO	STATION Q	BUTTE CR	OREG.	100	-	28
PUBLISHERS PAPER CO	*OREGON CITY	WILLAMETTE	OREG.	1,800	13,900	40
OREGON CITY MFG CO	*OREGON CITY	WILLAMETTE	OREG.	230	360	-
CROWN ZELLERBACH CORP	*WEST LINN	WILLAMETTE	OREG.	13,900	30,000	44
OREGON PULP AND PAPER CO	*SALEM	MILL CR	OREG.	250	340	20
PORTLAND GENERAL ELEC CO	STATION S	MILL CR	OREG.	125	400	16
MOUNTAIN STATES POWER CO	STAYTON	N SANTIAM	OREG.	600	4,000	15
MOUNTAIN STATES POWER CO	MILL CITY	N SANTIAM	OREG.	320	1,700	24
MOUNTAIN STATES POWER CO	ALBANY	S SANTIAM	OREG.	800	3,700	36
MOUNTAIN STATES POWER CO	LEBANON	S SANTIAM	OREG.	144	200	10
EUGENE CITY OF	WALTERTVILLE	MCKENZIE	OREG.	8,000	32,000	56
EUGENE CITY OF	LEABURG	MCKENZIE	OREG.	13,500 120,269	100,000 605,000	90
<u>WASHOUGAL</u>						
WESTERN LT AND PWR CO	WASHOUGAL	WASHOUGAL	WASH.	750 750	4,500 4,500	-
<u>SANDY</u>						
PORTLAND GENERAL ELEC CO	STATION O	BULL RUN	OREG.	21,000 21,000	95,000 95,000	328
<u>COLUMBIA MAIN STREAM</u>						
CORPS OF ENGINEERS	#BONNEVILLE	COLUMBIA	OREG.	522,400 522,400	4,400,000 4,400,000	66
<u>HERMAN CREEK</u>						
CASCADE LOCKS CITY OF	CASCADE LOCKS	HERMAN CR	OREG.	280 280	-	-
<u>WHITE SALMON</u>						
PACIFIC PWR AND LT CO	CONDIT	WHITE SALMON	WASH.	9,600 9,600	91,000 91,000	178
<u>HOOD</u>						
PACIFIC PWR AND LT CO	POWERDALE	HOOD	OREG.	6,000	45,000	209
OREGON LUMBER COMPANY	*DEE PLANT	HOOD	OREG.	150 6,150	280 45,280	-
<u>DESCHUTES</u>						
PACIFIC PWR AND LT CO	TYGH VALLEY	WHITE	OREG.	2,250	13,300	150
WASCO ELEC COOP INC	OAK SPRINGS	OAK SPRINGS	OREG.	250	1,000	-
PACIFIC PWR AND LT CO	COVE NO 2	CROOKED	OREG.	1,500	11,000	31
PACIFIC PWR AND LT CO	COVE	CROOKED	OREG.	1,100	11,000	31

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>DESCHUTES CONT'D</u>						
PACIFIC PWR AND LT CO	CLINE FALLS	DESCHUTES	OREG.	1,000	4,600	43
PACIFIC PWR AND LT CO	BEND	DESCHUTES	OREG.	1,110	5,600	17
				7,210	46,500	
<u>JOHN DAY</u>						
CALIF PACIFIC UTIL CO	FREMONT	LOST CR	OREG.	1,100	3,600	1,067
				1,100	3,600	
<u>WALLA WALLA</u>						
MILTON FREEWATER EL UTIL	MILTON LOWER	WALLA WALLA	OREG.	360	2,600	75
MILTON FREEWATER EL UTIL	MILTON UPPER	WALLA WALLA	OREG.	1,000	9,000	205
				1,360	11,600	
<u>SNAKE</u>						
THE WASHINGTON WTR PWR CO	LEWISTON	CLEARWATER	IDAHO	10,000	77,000	35
THE WASHINGTON WTR PWR CO	GRANGEVILLE	S FK CLEARWATER	IDAHO	1,000	4,600	60
PACIFIC PWR AND LT CO	JOSEPH	WALLOWA	OREG.	1,000	4,000	193
PACIFIC PWR AND LT CO	WALLOWA FALLS	E FK WALLOWA	OREG.	800	6,000	1,187
CALIF PACIFIC UTIL CO	MORGAN LAKE	SHEEP CR	OREG.	380	700	1,146
CALIF PACIFIC UTIL CO	COVE	MILL CR	OREG.	300	1,000	875
IDAHO POWER CO	SALMON HYDRO	LEMHI	IDAHO	560	3,200	36
IDAHO POWER CO	OSBOW	SNAKE	OREG.	2,880	-	20
CORNUCOPIA GOLD MINES	*CORNUCOPIA	PINE CR	OREG.	700	-	470
CALIF PACIFIC UTIL CO	ROCK CREEK	ROCK CR	OREG.	800	4,900	936
BAKER CITY OF	BAKER	GOODRICH LAKE	OREG.	175	800	-
CALIF PACIFIC UTIL CO	SUMPTER	POWDER	OREG.	75	-	246
BUREAU OF RECLAMATION	BLACK CANYON	PAYETTE	IDAHO	8,000	74,000	93
IDAHO POWER CO	HORSESHOE BEND	PAYETTE	IDAHO	1,500	12,500	36
IDAHO POWER CO	CASCADE	N FK PAYETTE	IDAHO	300	1,500	37
IDAHO POWER CO	BARBER	BOISE	IDAHO	1,050	2,300	20
BUREAU OF RECLAMATION	BOISE RIVER	BOISE	IDAHO	1,500	8,000	31
ATLANTA POWER CO	ATLANTA	M FK BOISE	IDAHO	120	200	98
BUREAU OF RECLAMATION	ANDERSON RANCH	S FK BOISE	IDAHO	27,000	118,000	330
IDAHO POWER CO	SWAN FALLS	SNAKE	IDAHO	9,060	97,236	24
IDAHO POWER CO	LOWER MALAD	MALAD	IDAHO	13,500	105,000	161
IDAHO POWER CO	UPPER MALAD	MALAD	IDAHO	7,200	65,000	129
IDAHO POWER CO	C J STRIKE	SNAKE	IDAHO	82,800	410,000	92
IDAHO POWER CO	BLISS	SNAKE	IDAHO	75,000	412,000	70
IDAHO POWER CO	LOWER SALMON	SNAKE	IDAHO	60,000	320,000	59
IDAHO POWER CO	UPPER SALMON	SNAKE	IDAHO	34,500	304,400	45
IDAHO POWER CO	THOUSAND SPRINGS	SPRINGS	IDAHO	8,000	64,000	182
IDAHO POWER CO	CLEAR LAKE	SPRINGS	IDAHO	2,500	18,400	79
IDAHO POWER CO	SHOSHONE FALLS	SNAKE	IDAHO	10,880	92,000	214
IDAHO POWER CO	TWIN FALLS	SNAKE	IDAHO	13,500	54,000	147
BUREAU OF RECLAMATION	MINDOKA	SNAKE	IDAHO	13,400	80,000	48
IDAHO POWER CO	AMERICAN FALLS	SNAKE	IDAHO	27,500	130,000	49
CALIF PACIFIC UTIL CO	MALAD CITY	BIRCH CR	IDAHO	200	1,500	510
IDAHO FALLS CITY OF	LOWER HYDRO NO 4	SNAKE	IDAHO	3,000	20,000	20
IDAHO FALLS CITY OF	LOWER HYDRO NO 1	SNAKE	IDAHO	2,000	14,000	22
IDAHO FALLS CITY OF	UPPER HYDRO NO 2	SNAKE	IDAHO	2,000	16,000	21
TETON VALLEY PWR MILL CO	FELT	TETON	IDAHO	1,870	2,800	90
UTAH POWER AND LIGHT CO	ST ANTHONY	HENRYS FORK	IDAHO	500	3,600	10
UTAH POWER AND LIGHT CO	ASHTON	HENRYS FORK	IDAHO	5,800	31,449	49
LOWER VAL PWR AND LT INC	FREEDOM	SALT	WYO.	600	2,300	-
LOWER VAL PWR AND LT INC	STRAWBERRY	STRAWBERRY CR	WYO.	1,000	8,000	512
STAR VALLEY PWR AND LT CO	AFTON LOWER	SWIFT CR	WYO.	180	-	68
STAR VALLEY PWR AND LT CO	AFTON UPPER	SWIFT CR	WYO.	800	2,700	193
JACKSON HOLE LT AND P CO	JACKSON NO 2	FLAT CR	WYO.	100	300	54
JACKSON HOLE LT AND P CO	JACKSON NO 1	FLAT CR	WYO.	565	1,400	136
				434,995	2,574,785	
<u>YAKIMA</u>						
BUREAU OF RECLAMATION	PROSSER	YAKIMA	WASH.	2,400	21,000	53
PACIFIC PWR AND LT CO	NACHES HYDRO	NACHES	WASH.	6,370	35,000	149
PACIFIC PWR AND LT CO	NACHES DROP	NACHES	WASH.	1,400	9,600	54
ELLENSBURG CITY OF	ELLENSBURG	YAKIMA	WASH.	1,900	12,500	50
				12,070	78,100	
<u>COLUMBIA MAIN STREAM</u>						
PACIFIC PWR AND LT CO	PRIEST RAPIDS	COLUMBIA	WASH.	2,100	11,400	27
PUGET SOUND PWR AND LT CO	ROCK ISLAND	COLUMBIA	WASH.	60,000	682,000	52
CHELAN COUNTY PUD NO 1	ROCK ISLAND	COLUMBIA	WASH.	67,500	657,000	52
				129,600	1,350,400	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>WENATCHEE</u>						
CHELAN COUNTY PUD NO 1	DRYDEN	WENATCHEE	WASH.	2,200	14,000	55
PUGET SOUND PWR AND LT CO	TUMWATER	WENATCHEE	WASH.	6,000	39,000	180
				8,200	53,000	
<u>CHELAN</u>						
THE WASHINGTON WTR PWR CO	CHELAN	CHELAN	WASH.	48,000	467,500	409
				48,000	467,500	
<u>OKANOGAN</u>						
OKANOGAN COUNTY PUD NO 1	OROVILLE	SIMILKAMEEN	WASH.	3,200	19,069	78
				3,200	19,069	
<u>COLUMBIA MAIN STREAM</u>						
BUREAU OF RECLAMATION	# GRAND COULEE	COLUMBIA	WASH.	1,974,000	15,000,000	355
				1,974,000	15,000,000	
<u>SPOKANE</u>						
THE WASHINGTON WTR PWR CO	LITTLE FALLS	SPOKANE	WASH.	32,000	212,000	71
THE WASHINGTON WTR PWR CO	LONG LAKE	SPOKANE	WASH.	70,000	466,000	173
THE WASHINGTON WTR PWR CO	NINE MILE	SPOKANE	WASH.	12,000	108,000	64
THE WASHINGTON WTR PWR CO	MONROE STREET	SPOKANE	WASH.	7,200	60,000	70
THE WASHINGTON WTR PWR CO	UPPER FALLS	SPOKANE	WASH.	10,000	80,000	62
SPOKANE CITY OF WATER DIV	SPOKANE	SPOKANE	WASH.	3,900	31,000	35
THE WASHINGTON WTR PWR CO	POST FALLS	SPOKANE	IDAHO	11,250	86,000	55
FEDERAL MNG AND SMLTG CO	*MORNING MINE	COEUR D ALENE	IDAHO	120	50	-
CITIZENS UTILITIES CO	WALLACE	PLACER CR	IDAHO	240	-	312
FEDERAL MNG AND SMLTG CO	*WALLACE	PLACER CR	IDAHO	450	2,200	-
HECLA MINING CO	*HECLA CONCENTRATE	CANYON CR	IDAHO	145	550	-
HECLA MINING CO	*HECLA MINE	CANYON CR	IDAHO	250	700	256
FEDERAL MNG AND SMLTG CO	*BURKE	CANYON CR	IDAHO	300	1,300	-
				147,855	1,047,800	
<u>COLVILLE</u>						
THE WASHINGTON WTR PWR CO	MEYERS FALLS	COLVILLE	WASH.	1,200	7,500	125
				1,200	7,500	
<u>CLARK FORK</u>						
PEND OREILLE MINES MTL CO	*METALINE FALLS	SULLIVAN CR	WASH.	3,600	6,800	30
INLAND PORTLAND CEMENT CO	*METALINE FALLS	SULLIVAN CR	WASH.	3,000	14,000	460
THE WASHINGTON WTR PWR CO	DARKENA	CALISPELL CR	WASH.	560	2,300	309
THE WASHINGTON WTR PWR CO	CABINET GORGE	CLARK FORK	IDAHO	100,000	800,000	100
THE MONTANA POWER CO	CLARK FORK	CLARK FORK	MONT.	30,000	292,070	60
THE MONTANA POWER CO	KERR	FLATHEAD	MONT.	112,000	700,000	191
MOUNTAIN STATES POWER CO	BIG FORK	SWAN	MONT.	4,150	26,801	105
U S INDIAN IRRIGATION SER	BIG CREEK	BIG CR	MONT.	320	1,100	585
BUREAU OF RECLAMATION	HUNGRY HORSE	S FK FLATHEAD	MONT.	142,500	950,000	484
THE MONTANA POWER CO	MILLTOWN	CLARK FORK	MONT.	3,040	22,000	32
THE MONTANA POWER CO	FLINT CREEK	FLINT CR	MONT.	1,100	9,000	717
				400,270	2,824,071	
<u>KOOTENAI</u>						
BONNERS FERRY VILLAGE OF	MOYIE NO 2	MOYIE	IDAHO	2,000	8,000	200
BONNERS FERRY VILLAGE OF	MOYIE NO 1	MOYIE	IDAHO	380	-	60
MONTANA LT AND PWR CO	TROY	LAKE CR	MONT.	4,500	18,000	161
				6,880	26,000	
<u>SIUSLAW</u>						
BLACHLY LANE COOP EL ASSN	BLACHLY	LAKE CR	OREG.	150	500	-
				150	500	
<u>UMPQUA</u>						
THE CALIF OREGON PWR CO	WINCHESTER	N UMPQUA	OREG.	500	3,900	14
THE CALIF OREGON PWR CO	SODA SPRINGS	N UMPQUA	OREG.	11,000	55,000	114
THE CALIF OREGON PWR CO	SLIDE CREEK	N UMPQUA	OREG.	18,000	94,000	173
THE CALIF OREGON PWR CO	TOKETEE FALLS	N UMPQUA	OREG.	42,500	220,000	448
THE CALIF OREGON PWR CO	FISH CREEK	N UMPQUA	OREG.	11,000	59,000	1,043
				83,000	431,900	
<u>ROGUE</u>						
THE CALIF OREGON PWR CO	GOLD RAY	ROGUE	OREG.	1,500	11,700	20
ASHLAND CITY OF	ASHLAND	ASHLAND CR	OREG.	300	2,500	-
THE CALIF OREGON PWR CO	PROSPECT NO 3	S FK ROGUE	OREG.	7,200	50,000	720
THE CALIF OREGON PWR CO	PROSPECT NO 1	N FK ROGUE	OREG.	3,760	25,000	495

SEE FOOTNOTES AT END OF TABLE

**TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u>	<u>NAME OF PLANT</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>NAME OF OWNER</u>						
<u>ROGUE CONT'D</u>						
THE CALIF OREGON PWR CO	PROSPECT NO 2	N FK ROGUE	OREG.	32,000	275,000	606
THE CALIF OREGON PWR CO	PROSPECT NO 4	N FK ROGUE	OREG.	1,000	7,100	112
				45,760	371,900	
<u>NORTH PACIFIC TOTAL</u>				4,856,012	34,342,642	
<u>SOUTH PACIFIC</u>						
<u>KLAMATH</u>						
SWANSON MINING CORPN	*SALYER	TRINITY	CALIF.	1,600	170	-
PACIFIC GAS AND ELEC CO	JUNCTION CITY	TRINITY	CALIF.	2,720	10,200	602
THE CALIF OREGON PWR CO	FALL CREEK	FALL CR	CALIF.	2,200	10,000	730
THE CALIF OREGON PWR CO	COPCO NO 2	KLAMATH	CALIF.	27,000	150,000	151
THE CALIF OREGON PWR CO	COPCO NO 1	KLAMATH	CALIF.	20,000	136,000	122
THE CALIF OREGON PWR CO	KENO	KLAMATH	OREG.	760	4,400	22
THE CALIF OREGON PWR CO	WEST SIDE	KLAMATH	OREG.	3,600	5,400	48
THE CALIF OREGON PWR CO	EAST SIDE	KLAMATH	OREG.	3,200	18,000	49
				58,080	284,170	
<u>RUSSIAN</u>						
PACIFIC GAS AND ELEC CO	POTTER VALLEY	RUSSIAN	CALIF.	8,800	58,000	476
				8,800	58,000	
<u>SACRAMENTO BASIN</u>						
<u>AMERICAN</u>						
PACIFIC GAS AND ELEC CO	AMERICAN RIVER	S FK AMERICAN	CALIF.	5,730	30,000	573
PACIFIC GAS AND ELEC CO	EL DORADO	S FK AMERICAN	CALIF.	20,000	97,700	1,910
PACIFIC GAS AND ELEC CO	WISE	AUBURN RAVINE	CALIF.	10,000	90,700	519
PACIFIC GAS AND ELEC CO	HALSEY	DRY CR	CALIF.	10,000	66,800	331
				45,730	285,200	
<u>FEATHER</u>						
PACIFIC GAS AND ELEC CO	DUTCH FLAT	BEAR	CALIF.	22,000	147,000	643
PACIFIC GAS AND ELEC CO	ALTA	BEAR	CALIF.	2,000	6,400	660
PACIFIC GAS AND ELEC CO	BRUM	BEAR	CALIF.	44,000	282,500	1,375
PACIFIC GAS AND ELEC CO	DEER CREEK	DEER CR	CALIF.	5,500	31,300	837
PACIFIC GAS AND ELEC CO	NARROWS	YUBA	CALIF.	9,350	89,000	240
PACIFIC GAS AND ELEC CO	SPAULDING NO. 2	S FK YUBA	CALIF.	3,750	20,000	344
PACIFIC GAS AND ELEC CO	SPAULDING NO 1	S FK YUBA	CALIF.	6,400	42,100	197
PACIFIC GAS AND ELEC CO	SPAULDING NO 3	S FK YUBA	CALIF.	6,300	29,100	318
PACIFIC GAS AND ELEC CO	COLGATE	N FK YUBA	CALIF.	24,000	154,000	810
PACIFIC GAS AND ELEC CO	BULLARDS BAR	N FK YUBA	CALIF.	6,500	38,900	166
PACIFIC GAS AND ELEC CO	SIERRA CITY	N FK YUBA	CALIF.	30	-	-
PACIFIC GAS AND ELEC CO	COAL CANYON	DRY CR	CALIF.	800	7,500	350
PACIFIC GAS AND ELEC CO	LINE SADDLE	W BR N FK FEATHER	CALIF.	1,600	11,300	462
PACIFIC GAS AND ELEC CO	BIG BEND NO 1	N FK FEATHER	CALIF.	52,000	454,000	465
PACIFIC GAS AND ELEC CO	CRESTA	N FK FEATHER	CALIF.	67,500	298,000	290
PACIFIC GAS AND ELEC CO	ROCK CREEK	N FK FEATHER	CALIF.	113,400	454,000	535
PACIFIC GAS AND ELEC CO	BUCKS CREEK	N FK FEATHER	CALIF.	66,000	198,000	2,558
PACIFIC GAS AND ELEC CO	CARIBOU	N FK FEATHER	CALIF.	60,000	451,000	1,150
PACIFIC GAS AND ELEC CO	HAMILTON BRANCH	HAMILTON BRANCH	CALIF.	4,800	15,000	389
				495,930	2,729,100	
<u>BUTTE CREEK</u>						
PACIFIC GAS AND ELEC CO	CENTERVILLE	BIG BUTTE CR	CALIF.	6,400	35,600	577
PACIFIC GAS AND ELEC CO	DE SABLE	BIG BUTTE CR	CALIF.	13,000	83,200	1,531
				19,400	118,800	
<u>BATTLE</u>						
PACIFIC GAS AND ELEC CO	COLEMAN	BATTLE CR	CALIF.	13,800	57,500	482
PACIFIC GAS AND ELEC CO	INSKIP	S FK BATTLE CR	CALIF.	6,000	40,000	378
PACIFIC GAS AND ELEC CO	SOUTH	S FK BATTLE CR	CALIF.	4,000	35,600	516
PACIFIC GAS AND ELEC CO	VOLTA	N FK BATTLE CR	CALIF.	6,400	45,800	1,254
				30,200	178,900	
<u>COW</u>						
PACIFIC GAS AND ELEC CO	COW CREEK	COW CR	CALIF.	1,200	11,700	715
PACIFIC GAS AND ELEC CO	KILARC	N FK COW CR	CALIF.	3,000	16,900	1,192
				4,200	28,600	

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SACRAMENTO MAIN STREAM</u>						
BUREAU OF RECLAMATION	KESWICK	SACRAMENTO	CALIF.	75,000	347,000	101
BUREAU OF RECLAMATION	# SHASTA	SACRAMENTO	CALIF.	379,000	1,863,000	480
				454,000	2,210,000	
<u>PIT</u>						
PACIFIC GAS AND ELEC CO	PIT NO 5	PIT	CALIF.	128,000	826,000	615
PACIFIC GAS AND ELEC CO	PIT NO 3	PIT	CALIF.	72,900	382,400	315
PACIFIC GAS AND ELEC CO	HAT CREEK NO 2	HAT CR	CALIF.	10,000	50,800	198
PACIFIC GAS AND ELEC CO	HAT CREEK NO 1	HAT CR	CALIF.	10,000	45,000	217
PACIFIC GAS AND ELEC CO	PIT NO 1	PIT	CALIF.	56,000	288,100	454
THE CALIF OREGON PWR CO	ALTURAS	PINE CR	CALIF.	450	1,700	365
				277,350	1,594,000	
<u>SAN JOAQUIN BASIN</u>						
<u>MOKELUMNE</u>						
EAST BAY MUN UTILITY DIST	PARDEE	MOKELUMNE	CALIF.	15,000	90,000	327
PACIFIC GAS AND ELEC CO	NEW ELECTRA	MOKELUMNE	CALIF.	89,100	363,500	1,268
PACIFIC GAS AND ELEC CO	WEST POINT	N FK MOKELUMNE	CALIF.	13,600	91,400	312
PACIFIC GAS AND ELEC CO	TIGER CREEK	N FK MOKELUMNE	CALIF.	51,000	353,000	1,219
PACIFIC GAS AND ELEC CO	SALT SPRINGS	N FK MOKELUMNE	CALIF.	9,350	42,800	255
PACIFIC GAS AND ELEC CO	BEAR RIVER	N FK MOKELUMNE	CALIF.	29,700	141,000	2,104
				207,750	1,081,700	
<u>STANISLAUS</u>						
PACIFIC GAS AND ELEC CO	MELONES	STANISLAUS	CALIF.	24,300	95,300	230
PACIFIC GAS AND ELEC CO	ANGELS	ANGELS CR	CALIF.	1,400	7,000	448
PACIFIC GAS AND ELEC CO	MURPHYS	ANGELS CR	CALIF.	1,500	11,000	521
PACIFIC GAS AND ELEC CO	PHOENIX	S FK STANISLAUS	CALIF.	1,600	9,000	1,087
PACIFIC GAS AND ELEC CO	STANISLAUS	STANISLAUS	CALIF.	28,900	233,500	1,499
PACIFIC GAS AND ELEC CO	SPRING GAP	M FK STANISLAUS	CALIF.	6,000	48,200	1,865
				63,700	404,000	
<u>TUOLUMNE</u>						
TURLOCK MODESTO IRR DIST	LA GRANGE	TUOLUMNE	CALIF.	3,900	25,169	117
TURLOCK MODESTO IRR DIST	DON PEDRO	TUOLUMNE	CALIF.	26,990	199,788	261
SAN FRANCISCO UT COMM	MOCCASIN CREEK	MOCCASIN CR	CALIF.	70,000	508,000	1,316
SAN FRANCISCO UT COMM	EARLY INTAKE	CHERRY CR	CALIF.	3,600	28,000	343
				104,490	760,957	
<u>MERCED</u>						
PACIFIC GAS AND ELEC CO	MERCED FALLS	MERCED	CALIF.	3,440	16,100	27
MERCED IRRIGATION DIST	EXCHEQUER	MERCED	CALIF.	25,000	127,774	300
NATIONAL PARK SERVICE	YOSEMITE	MERCED	CALIF.	2,000	11,000	336
				30,440	154,874	
<u>SAN JOAQUIN MAIN STREAM</u>						
PACIFIC GAS AND ELEC CO	KERCKHOFF	SAN JOAQUIN	CALIF.	34,080	275,400	350
SOUTHERN CALIF EDISON CO	BIG CREEK NO 4	SAN JOAQUIN	CALIF.	84,000	490,000	418
				118,080	765,400	
<u>NORTH FORK SAN JOAQUIN</u>						
PACIFIC GAS AND ELEC CO	A G WISHON	N FK SAN JOAQUIN	CALIF.	12,800	85,900	1,412
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 1A	N FK SAN JOAQUIN	CALIF.	340	1,500	43
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 2	N FK SAN JOAQUIN	CALIF.	2,400	11,000	307
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 3	N FK SAN JOAQUIN	CALIF.	4,800	20,500	405
PACIFIC GAS AND ELEC CO	CRANE VALLEY	N FK SAN JOAQUIN	CALIF.	800	2,700	90
				21,140	121,200	
<u>SAN JOAQUIN MAIN STREAM</u>						
SOUTHERN CALIF EDISON CO	BIG CREEK NO 3	SAN JOAQUIN	CALIF.	106,500	743,500	827
				106,500	743,500	
<u>BIG CREEK</u>						
SOUTHERN CALIF EDISON CO	BIG CREEK NO 2 A	BIG CR	CALIF.	80,000	238,500	2,418
SOUTHERN CALIF EDISON CO	BIG CREEK NO 2	BIG CR	CALIF.	57,750	506,600	1,858
SOUTHERN CALIF EDISON CO	BIG CREEK NO 1	BIG CR	CALIF.	67,000	583,600	2,131
				204,750	1,328,700	

SEE FOOTNOTES AT END OF TABLE

TABLE 2. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF OWNER	NAME OF PLANT	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SAN JOAQUIN MAIN STREAM</u>						
SOUTHERN CALIF EDISON CO	BIG CREEK NO 8	SAN JOAQUIN	CALIF.	54,000	309,200	713
<u>TULARE LAKE</u>				54,000	309,200	
PACIFIC GAS AND ELEC CO	BALCH	N FK KINGS	CALIF.	31,000	178,600	2,336
SOUTHERN CALIF EDISON CO	KAWEAH NO 2	KAWEAH	CALIF.	1,800	11,000	367
SOUTHERN CALIF EDISON CO	KAWEAH NO 1	KAWEAH	CALIF.	2,250	14,000	1,326
SOUTHERN CALIF EDISON CO	KAWEAH NO 3	KAWEAH	CALIF.	2,800	24,700	775
SOUTHERN CALIF EDISON CO	TULE	TULE	CALIF.	2,000	17,000	1,140
PACIFIC GAS AND ELEC CO	TULE RIVER	M FK TULE	CALIF.	4,800	24,500	1,532
				44,650	269,800	
<u>BUENA VISTA LAKE</u>						
PACIFIC GAS AND ELEC CO	KERN CANYON	KERN	CALIF.	8,480	59,600	262
SOUTHERN CALIF EDISON CO	KERN RIVER 1	KERN	CALIF.	16,000	173,200	877
SOUTHERN CALIF EDISON CO	BOREL	KERN	CALIF.	8,200	63,800	270
SOUTHERN CALIF EDISON CO	KERN RIV 3	KERN	CALIF.	32,000	197,500	821
				64,680	494,100	
<u>SANTA MARIA</u>						
PASADENA CITY OF	AZUSA	SAN GABRIEL	CALIF.	3,000	14,000	401
				3,000	14,000	
<u>SANTA ANA</u>						
SOUTHERN CALIF EDISON CO	ONTARIO NO 3	SAN ANTONIO CR	CALIF.	320	1,100	276
SOUTHERN CALIF EDISON CO	ONTARIO NO 1	SAN ANTONIO CR	CALIF.	600	4,800	700
SOUTHERN CALIF EDISON CO	SIERRA	SAN ANTONIO CR	CALIF.	480	4,000	628
SOUTHERN CALIF EDISON CO	FONTANA	LYTLE CR	CALIF.	1,920	8,800	658
SOUTHERN CALIF EDISON CO	LYTLE CREEK	LYTLE CR	CALIF.	400	4,000	472
SOUTHERN CALIF EDISON CO	SANTA ANA NO 3	SANTA ANA	CALIF.	1,200	7,000	354
SOUTHERN CALIF EDISON CO	SANTA ANA NO 2	SANTA ANA	CALIF.	800	8,000	310
SOUTHERN CALIF EDISON CO	SANTA ANA NO 1	SANTA ANA	CALIF.	2,400	18,000	726
SOUTHERN CALIF EDISON CO	MILL CREEK NO 1	MILL CR	CALIF.	800	4,700	510
SOUTHERN CALIF EDISON CO	MILL CREEK NO 2	MILL CR	CALIF.	200	1,500	620
SOUTHERN CALIF EDISON CO	MILL CREEK NO 3	MILL CR	CALIF.	1,800	14,000	1,911
				10,920	75,900	
<u>SAN LUIS REY</u>						
ESCONDIDO MUTUAL WATER CO	RINCON PWR	SAN LUIS REY	CALIF.	240	300	824
				240	300	
<u>ESCONDIDO CREEK</u>						
ESCONDIDO MUTUAL WATER CO	BEAR VALLEY	ESCONDIDO CR	CALIF.	520	4,800	400
				520	4,800	
<u>SALTON SEA</u>						
CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 2	SAN GORGONIO CR	CALIF.	750	1,500	898
CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 1	SAN GORGONIO CR	CALIF.	1,500	3,000	1,773
				2,250	4,500	
<u>SOUTH PACIFIC TOTAL</u>				2,430,800	14,019,701	
<u>UNITED STATES TOTAL</u>				21,463,872	112,479,008	

* POWER PLANT OF INDUSTRIAL ESTABLISHMENT.

INSTALLATION SHOWN INCLUDES MAIN AND AUXILLIARY GENERATING UNITS.

@ INSTALLED CAPACITY IN POWER HOUSE ON ARIZONA SIDE OF RIVER, 669,900 KW; NEVADA SIDE, 579,900 KW.

- DATA NOT AVAILABLE.

TABLE 3

INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF EXISTING HYDROELECTRIC PLANTS - JANUARY 1, 1953

Totals by Geographic Divisions and States

Division and State	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Division and State	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
United States	21,463,872	112,479,008			
New England	1,271,301	5,080,282	South Atlantic		
Middle Atlantic	1,705,188	9,908,674	Delaware	600	140
East North Central	922,166	3,963,818	Maryland	272,097	1,272,370
West North Central	644,117	2,895,091	District of Columbia	3,000	5,000
South Atlantic	2,835,275	11,051,190	Virginia	250,006	1,042,020
East South Central	3,362,580	16,107,800	West Virginia	207,560	1,040,800
West South Central	695,224	2,365,786	North Carolina	967,363	4,156,600
Mountain	3,185,632	16,320,380	South Carolina	677,669	1,991,070
Pacific	6,842,389	44,785,987	Georgia	444,319	1,506,990
			Florida	12,661	36,200
New England			East South Central		
Maine	393,715	1,968,201	Kentucky	542,060	2,333,000
New Hampshire	311,889	1,105,470	Tennessee	1,521,300	7,302,600
Vermont	193,442	794,591	Alabama	1,299,220	6,472,200
Massachusetts	242,741	876,010	Mississippi	0	0
Rhodes Island	9,952	22,350			
Connecticut	119,562	313,660	West South Central		
Middle Atlantic			Arkansas	276,540	967,318
New York	1,254,896	8,016,174	Louisiana	0	0
New Jersey	8,948	49,740	Oklahoma	87,824	329,200
Pennsylvania	441,344	1,842,760	Texas	330,860	1,069,268
East North Central			Mountain		
Ohio	13,874	36,210	Montana	603,910	4,411,701
Indiana	35,554	120,118	Idaho	636,245	3,596,461
Illinois	47,936	211,478	Wyoming	107,197	549,000
Michigan	410,858	1,712,367	Colorado	145,005	502,600
Wisconsin	413,944	1,883,645	New Mexico	24,910	98,000
West North Central			Arizona	984,780	4,210,220
Minnesota	186,984	936,795	Utah	94,165	369,698
Iowa	141,721	821,600	Nevada	589,420	2,582,700
Missouri	155,273	456,699	Pacific		
North Dakota	0	0	Washington	3,199,593	22,839,406
South Dakota	13,021	54,237	Oregon	820,349	6,055,880
Nebraska	140,933	605,960	California	2,822,447	15,890,701
Kansas	6,185	19,800			

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NEW ENGLAND</u>					
<u>MAINE</u>					
MAINE PUBLIC SERVICE CO	CARIBOU	AROOSTOOK	800	4,500	12
MAINE PUBLIC SERVICE CO	SQUA PAN	SQUA PAN STREAM	1,500	800	30
*ST CROIX PAPER CO	WOODLAND	ST CROIX	1,500	7,500	48
*ST CROIX PAPER CO	GRAND FALLS	ST CROIX	9,652	48,000	52
LUBEC WTR AND ELEC DEPT	WHITING	ORANGE	96	600	-
BANGOR HYDRO ELECTRIC CO	MACHIAS	MACHIAS	350	1,700	25
BANGOR HYDRO ELECTRIC CO	EAST MACHIAS	E MACHIAS	1,320	3,600	30
BANGOR HYDRO ELECTRIC CO	ELLSWORTH	UNION	8,900	24,000	60
CENTRAL MAINE POWER CO	EAST ORLAND	TODDY POND STREAM	500	1,900	125
CITY OF BANGOR ELEC DEPT	BANGOR CITY	PENOBSCOT	700	3,700	10
BANGOR HYDRO ELECTRIC CO	VEAZIE	PENOBSCOT	8,400	50,000	17
BANGOR HYDRO ELECTRIC CO	ORONO	STILLWATER	2,332	10,000	25
BANGOR HYDRO ELECTRIC CO	STILLWATER	STILLWATER	1,950	7,500	20
*PENOBSCOT CHEMICAL CO	GREAT WORKS	PENOBSCOT	5,554	31,000	17
BANGOR HYDRO ELECTRIC CO	MILFORD	PENOBSCOT	7,800	45,000	18
BANGOR HYDRO ELECTRIC CO	HOWLAND	PISCATAQUIS	1,875	10,900	16
*AMERICAN WOOLEN CO INC	DOVER FOXCROFT	PISCATAQUIS	854	680	22
BANGOR HYDRO ELECTRIC CO	MILO	SEBEC	320	1,500	11
CENTRAL MAINE POWER CO	GREENVILLE	WILSON STREAM	576	1,000	85
BANGOR HYDRO ELECTRIC CO	STANFORD	PENOBSCOT	3,800	28,900	20
*GREAT NORTHERN PAPER CO	MATTASEUNK	PENOBSCOT	19,200	109,000	40
BANGOR HYDRO ELECTRIC CO	MEDWAY	PENOBSCOT	3,440	30,879	18
*GREAT NORTHERN PAPER CO	DOLBY	W BR PENOBSCOT	14,100	93,000	49
*GREAT NORTHERN PAPER CO	MILLINOCKET	W BR PENOBSCOT	8,000	44,000	110
*GREAT NORTHERN PAPER CO	NORTH TWIN	W BR PENOBSCOT	8,200	27,000	29
*SEABRIGHT WOVEN FELT CO	CAMDEN	MEGUNTICOOK	240	380	-
CENTRAL MAINE POWER CO	BELFAST	GOOSE	425	600	103
CENTRAL MAINE POWER CO	DAMARISCOTTA	DAMARISCOTTA LAKE	400	1,500	66
*WARREN S D CO	COPSECOOK	COBBOSSEE POND	300	860	17
*WINTHROP-MILLS	WINTHROP	MARANCOOK POND	100	340	23
*HUDSON PULP PAPER CO	AUGUSTA	KENNEBEC	375	2,500	22
*BATES MFG CO	EDWARDS DIVISION	KENNEBEC	2,550	8,500	22
CENTRAL MAINE POWER CO	UNION GAS	MESSALONSKEE STR	1,500	3,900	35
CENTRAL MAINE POWER CO	AUTOMATIC	MESSALONSKEE STR	800	2,300	23
CENTRAL MAINE POWER CO	RICE RIPS	MESSALONSKEE STR	1,600	4,300	42
CENTRAL MAINE POWER CO	OAKLAND	MESSALONSKEE STR	2,800	8,000	66
*AMERICAN WOOLEN CO INC	NO VASSALBORO	CHINA LAKE OUTLET	280	310	30
CENTRAL MAINE POWER CO	FORT HALIFAX	SEBASTICOOK	1,500	6,400	22
CENTRAL MAINE POWER CO	BURNHAM	SEBASTICOOK	1,050	3,000	27
*AMERICAN WOOLEN CO INC	PIONEER	W BR SEBASTICOOK	250	660	10
CENTRAL MAINE POWER CO	BANGS	KENNEBEC	126	-	14
*LOCKWOOD CO	WATERVILLE	KENNEBEC	4,800	24,000	21
*HOLLINGSWORTH AND WHITNEY	T AND A MILLS	KENNEBEC	3,750	25,500	23
CENTRAL MAINE POWER CO	SHAWMUT	KENNEBEC	4,650	34,000	22
CENTRAL MAINE POWER CO	WESTON	KENNEBEC	12,000	82,000	32
MADISON TOWN OF	MADISON	SANDY	450	1,300	15
*WILTON WOOLEN CO	WILTON	WILTON POND OUTLET	120	120	18
*HOLLINGSWORTH AND WHITNEY	ABENAIKUS	KENNEBEC	1,650	5,400	42
*GREAT NORTHERN PAPER CO	MADISON	KENNEBEC	6,000	51,550	20
CENTRAL MAINE POWER CO	WILLIAMS	KENNEBEC	13,000	79,000	42
CENTRAL MAINE POWER CO	WYMAN	KENNEBEC	72,000	275,000	138
STRATTON LT CO	EUSTIS	N BR DEAD	250	-	12
CENTRAL MAINE POWER CO	DENNISTOWN	CROCKER POND	100	200	215
*VERNEY BRUNSWICK MILLS	BRUNSWICK	ANDROSCOGGIN	2,430	9,200	14
CENTRAL MAINE POWER CO	BRUNSWICK	ANDROSCOGGIN	1,473	11,300	19
*PEJEPSOT PAPER CO	PEJEPSOT	ANDROSCOGGIN	1,100	4,000	22
*WORUMBO MFG CO	WORUMBO	ANDROSCOGGIN	900	3,300	19
CENTRAL MAINE POWER CO	NORWAY	PENNESSEEWASSEE	280	200	52
*PEPPERELL MFG CO	LEWISTON	ANDROSCOGGIN	100	230	35
*LIBBEY W S CO	LEWISTON	ANDROSCOGGIN	800	2,700	28

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MAINE CONT'D</u>					
*CONTINENTAL MILLS	LEWISTON	ANDROSCOGGIN	1,776	8,600	22
*BATES MANUFACTURING CO	LEWISTON	ANDROSCOGGIN	5,960	16,700	28
*BATES MANUFACTURING CO	HILL DIVISION	ANDROSCOGGIN	2,160	9,500	25
*BATES MANUFACTURING CO	ANDROSCOGGIN	ANDROSCOGGIN	2,240	7,800	25
LEWISTON PUBLIC WORKS	LEWISTON	ANDROSCOGGIN	700	3,000	25
CENTRAL MAINE POWER CO	ANDROSCOGGIN NO 3	ANDROSCOGGIN	3,600	20,000	31
CENTRAL MAINE POWER CO	DEER RIP NO 1	ANDROSCOGGIN	6,540	26,000	31
CENTRAL MAINE POWER CO	GULF ISLAND	ANDROSCOGGIN	19,200	112,000	55
*INTERNATIONAL PAPER CO	LIVERMORE FALLS	ANDROSCOGGIN	3,360	22,000	31
*INTERNATIONAL PAPER CO	OTIS	ANDROSCOGGIN	2,680	10,000	24
*INTERNATIONAL PAPER CO	JAY	ANDROSCOGGIN	3,000	16,000	14
*OXFORD PAPER CO	OXFORD	ANDROSCOGGIN	950	6,100	30
RUMFORD FALLS POWER CO	ISLAND	ANDROSCOGGIN	5,775	40,000	50
RUMFORD FALLS POWER CO	UPPER	ANDROSCOGGIN	24,000	145,000	99
OQUOSSOC LT AND POWER CO	KENNEBAGO	KENNEBAGO	325	800	32
*WARREN S D CO	SMELT HILL	PRESUMPCOT	900	4,040	14
*WARREN S D CO	CUMBERLAND	PRESUMPCOT	600	632	22
*WARREN S D CO	SACCARAPPA	PRESUMPCOT	1,350	10,580	28
CENTRAL MAINE POWER CO	MALLISON	PRESUMPCOT	1,000	5,500	20
*WARREN S D CO	DUNDEE	PRESUMPCOT	2,400	16,200	51
CENTRAL MAINE POWER CO	NORTH GORHAM	PRESUMPCOT	2,250	11,700	34
*WARREN S D CO	EEL WEIR	PRESUMPCOT	1,800	11,650	40
CENTRAL MAINE POWER CO	BRIDGTON	WILLET	360	400	50
CENTRAL MAINE POWER CO	CATARACT	SACO	6,650	41,000	44
*BATES MFG CO	YORK DIVISION	SACO	1,000	4,700	20
CENTRAL MAINE POWER CO	SKELTON	SACO	16,800	75,000	74
CENTRAL MAINE POWER CO	BAR MILLS	SACO	1,600	6,000	17
CENTRAL MAINE POWER CO	WEST BUXTON	SACO	6,625	24,000	27
CENTRAL MAINE POWER CO	BONNY EAGLE	SACO	7,200	42,000	38
CENTRAL MAINE POWER CO	LEDGEMERE	LITTLE OSSIPEE	320	600	21
CORNISH KEZAR FLS L PR CO	KEZAR FALLS	OSSIPEE	350	1,400	16
CENTRAL MAINE POWER CO	HIRAM	SACO	2,400	19,000	79
SWANS FALLS COMPANY	FREYBURG	SACO	640	1,600	13
KENNEBUNK LT AND PWR DIST	KENNEBUNK	MOUSAM	150	600	-
KENNEBUNK LT AND PWR DIST	WEST KENNEBUNK	MOUSAM	206	400	18
*YORK UTILITIES CO	OLD FALLS	MOUSAM	1,000	370	62
*YORK UTILITIES CO	ESTES	MOUSAM	500	780	36
*GOODALL SANFORD INC	SANFORD SPRINGVALE	MOUSAM	200	140	17
CENTRAL MAINE POWER CO	SOUTH BERWICK	SALMON FALLS	1,200	2,800	20
CENTRAL MAINE POWER CO	GREAT WORKS	SALMON FALLS	500	1,000	32
PUBLIC SERVICE CO OF N H	GREAT FALLS LOWER	SALMON FALLS	1,600	3,300	30
			393,715	1,968,201	
<u>NEW HAMPSHIRE</u>					
*BROWN CO	SHELBURNE	ANDROSCOGGIN	3,720	14,000	17
*BROWN CO	GORHAM	ANDROSCOGGIN	4,800	26,000	30
PUBLIC SERVICE CO OF N H	GORHAM	ANDROSCOGGIN	2,150	15,300	20
*BROWN CO	CASCADE	ANDROSCOGGIN	7,200	48,000	45
*BROWN CO	CROSS POWER	ANDROSCOGGIN	3,220	19,000	23
PUBLIC SERVICE CO OF N H	SMITH STATION	ANDROSCOGGIN	15,000	83,000	87
*BROWN CO	RIVERSIDE	ANDROSCOGGIN	11,400	74,000	65
*BROWN CO	BERLIN	ANDROSCOGGIN	2,200	14,000	16
NEW HAMPSHIRE G AND EL CO	NEWMARKET	LAMPREY	650	2,400	25
PUBLIC SERVICE CO OF N H	DOVER HYDRO	COCHECO	480	800	30
*WYANDOTTE WORSTED CO	ROCHESTER	COCHECO	100	380	22
PUBLIC SERVICE CO OF N H	SALMON FALLS	SALMON FALLS	2,000	6,600	45
PUBLIC SERVICE CO OF N H	GREAT FALLS UPPER	SALMON FALLS	2,600	8,000	65
*SPAULDING FIBER CO INC	EAST ROCHESTER	SALMON FALLS	250	400	-
*SPAULDING FIBRE CO INC	MILTON N ROCHESTER	SALMON FALLS	612	1,900	129
PUBLIC SERVICE CO OF N H	MILTON	SALMON FALLS	172	700	14
*TEXTRON INC	NASHUA MILL	NASHUA	5,040	8,200	36
*HILLSBOROUGH MILLS	HILLSBOROUGH	SOUHEGAN	600	870	38

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NEW HAMPSHIRE CONT'D</u>					
*GREENVILLE MILLS INC	GREENVILLE	SOUHEGAN	1,000	750	-
GREENVILLE EL LT CO	GREENVILLE	SOUHEGAN	200	300	-
PUBLIC SERVICE CO OF N H	KELLEYS FALLS	PISCATAQUOG	1,000	2,000	21
PUBLIC SERVICE CO OF N H	GREGGS FALLS	PISCATAQUOG	3,000	6,800	65
PUBLIC SERVICE CO OF N H	JEFFERSON	AMOSKEAG CANAL	2,000	4,900	47
PUBLIC SERVICE CO OF N H	AMOSKEAG	MERRIMACK	16,000	73,000	46
PUBLIC SERVICE CO OF N H	HOOKSETT	MERRIMACK	1,600	10,800	14
*TEXTRON INC	ALLENSTOWN	SUNCOOK	2,780	4,900	-
PUBLIC SERVICE CO OF N H	GARVIN FALLS	MERRIMACK	7,200	37,500	30
CONCORD ELECTRIC CO	SEWALLS FALLS	MERRIMACK	2,000	12,900	16
*HOAGUE SPRAGUE CO	WEST HOPKINTON	CONTOOCCOOK	200	100	20
PUBLIC SERVICE CO OF N H	JACKMAN	CONTOOCCOOK	3,200	8,000	178
*MONADNOCK PAPER CO	BENNINGTON	CONTOOCCOOK	1,000	2,400	-
PUBLIC SERVICE CO OF N H	FRANKLIN	WINNEPESAUKEE	350	2,500	18
*SULLOWAY HOSIERY MILLS	FRANKLIN	WINNEPESAUKEE	480	620	16
*STEVENS M T AND SONS CO	FRANKLIN MILL	WINNEPESAUKEE	600	740	11
PUBLIC SERVICE CO OF N H	LOCHMERE	WINNEPESAUKEE	800	4,400	16
*ALLEN ROGERS	LACONIA	WINNEPESAUKEE	96	200	-
*BELMONT HOSIERY CO	BELMONT	TIOGA	120	370	59
*SCOTT AND WILLIAMS INC	LAKEPORT	LAKE PAUGUS	125	500	8
PUBLIC SERVICE CO OF N H	ALTON BAY	MERRYMEETING	120	300	18
PUBLIC SERVICE CO OF N H	NEW DURHAM	LAKE OUTLET	180	500	52
PUBLIC SERVICE CO OF N H	MERRY MEETING	LAKE OUTLET	240	400	62
PUBLIC SERVICE CO OF N H	EASTMAN FALLS	PEMIGEWASSET	3,000	15,800	33
PUBLIC SERVICE CO OF N H	BRISTOL NO 10	NEWFOUND	200	400	24
PUBLIC SERVICE CO OF N H	BRISTOL NO 8	NEWFOUND	168	600	16
PUBLIC SERVICE CO OF N H	AYERS ISLAND	PEMIGEWASSET	8,400	40,000	80
*FRANCONIA PAPER CO	LINCOLN	PEMIGEWASSET	670	4,500	50
*HINSDALE PAPER MFG CO	HINSDALE	ASHUELOT	350	1,900	-
*TROY BLANKET MILLS	TROY	S BR ASHUELOT	100	110	-
NEW HAMPSHIRE G AND EL CO	TROY	S BR ASHUELOT	120	-	26
PUBLIC SERVICE CO OF N H	MINNEWAWA	MINNEWAWA BROOK	1,600	3,600	255
CONNECTICUT RIVER PWR CO	VERNON	CONNECTICUT	16,000	89,000	34
*COY PAPER CO	WEST CLAREMONT	SUGAR	500	1,300	-
*CLAREMONT PAPER CO INC	CLAREMONT	SUGAR	800	2,800	27
CONN VALLEY ELEC CO INC	CLAREMONT	SUGAR	250	900	20
CONN VALLEY ELEC CO INC	BROAD STREET	SUGAR	480	900	30
*INTERNATIONAL SHOE CO	NEWPORT	SUGAR	180	100	18
*DORR WOOLEN CO	NO 1	SUGAR	120	260	27
PUBLIC SERVICE CO OF N H	WENDELL	SUNAPEE	500	1,900	65
PUBLIC SERVICE CO OF N H	SUNAPEE	SUNAPEE	400	1,500	65
GRANITE STATE ELECTRIC CO	WEST LEBANON NO 4	MASCOMA	1,300	5,400	73
GRANITE STATE ELECTRIC CO	WEST LEBANON NO 2	MASCOMA	224	400	16
GRANITE STATE ELECTRIC CO	LEBANON NO 1	MASCOMA	140	500	19
*E CUMMINGS AND BRO INC	LEBANON	MASCOMA	192	450	-
*AMERICAN WOOLEN CO INC	LEBANON	MASCOMA	150	250	15
*AMERICAN WOOLEN CO INC	ENFIELD	MASCOMA	150	270	14
NEW ENGLAND POWER CO	WILDER	CONNECTICUT	16,200	69,500	51
WOODSVILLE PRECINCT OF	WOODSVILLE	AMMONOOSUC	400	800	-
PUBLIC SERVICE CO OF N H	LISBON	AMMONOOSUC	300	900	16
LITTLETON WTR AND LT DEPT	LITTLETON	AMMONOOSUC	300	1,100	19
PUBLIC SERVICE CO OF N H	BETHLEHEM	AMMONOOSUC	300	1,300	46
CONNECTICUT RIVER PWR CO	MCINDOES	CONNECTICUT	10,560	46,000	29
CONNECTICUT RIVER PWR CO	COMERFORD	CONNECTICUT	140,400	310,000	175
*GROVETON PAPERS CO	NORTHUMBERLND	CONNECTICUT	950	3,400	-
			311,889	1,105,470	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>VERMONT</u>					
NEW HAMPSHIRE EL COOP	NORTON	COATICOOK	125	200	32
CITIZENS UTILITIES CO	NEWPORT	CLYDE	3,600	12,000	140
BARTON VILLAGE INC	WEST CHARLESTON	CLYDE	1,400	2,800	-
CITIZENS UTILITIES CO	CHARLESTON	CLYDE	800	2,600	57
SWANTON VILLAGE OF	HIGHGATE	MISSISQUOI	1,780	7,700	59
*MISSISQUOI CORPORATION	SHELDON SPRINGS	MISSISQUOI	1,750	7,000	79
ENOSBURG FALLS VILLAGE OF	VILLAGE	MISSISQUOI	600	1,700	20
ENOSBURG FALLS VILLAGE OF	KENDALL	MISSISQUOI	150	500	20
*BLAIR VERMONT PLYWOOD	NORTH TROY	MISSISQUOI	175	400	54
CITIZENS UTILITIES CO	BAKER MILLS	MISSISQUOI	600	1,200	-
PUBLIC ELECTRIC LIGHT CO	WOODS FALLS	LAMOILLE	5,000	15,000	52
PUBLIC ELECTRIC LIGHT CO	MILTON	LAMOILLE	6,000	17,000	100
PUBLIC ELECTRIC LIGHT CO	CLARKS FALLS	LAMOILLE	3,000	15,764	43
PUBLIC ELECTRIC LIGHT CO	FAIRFAX FALLS	LAMOILLE	2,880	16,707	86
HYDE PARK VILLAGE OF	HYDE PARK	GIHON	200	500	25
MORRISVILLE VILLAGE OF	CADYS FALLS NO 1	LAMOILLE	1,300	3,500	40
MORRISVILLE VILLAGE OF	MORRISVILLE NO 2	LAMOILLE	1,800	5,500	50
HARDWICK VILLAGE OF	HARDWICK	LAMOILLE	1,160	3,300	54
*AMERICAN WOOLEN CO INC	CHAMPLAIN	WINOOSKI	500	1,100	38
GREEN MOUNTAIN POWER CORP	GORGE NO 18	WINOOSKI	3,000	15,200	34
GREEN MOUNTAIN POWER CORP	ESSEX NO 19	WINOOSKI	4,800	29,200	65
GREEN MOUNTAIN POWER CORP	MORETOWN NO 8	MAD	500	1,700	50
GREEN MOUNTAIN POWER CORP	MIDDLESEX NO 2	WINOOSKI	3,200	15,000	52
GREEN MOUNTAIN POWER CORP	MONTPELIER NO 4	WINOOSKI	600	1,900	60
GREEN MOUNTAIN POWER CORP	MOLLYS FALLS	MOLLYS BROOK	5,000	8,200	378
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9	OTTER CR	1,400	5,900	38
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9-A	OTTER CR	160	200	30
GREEN MOUNTAIN POWER CORP	VERGENNES NO 9-B	OTTER CR	1,000	3,200	35
CENTRAL VT PUB SERV CORP	WEYBRIDGE	OTTER CR	3,000	2,400	18
*VERMONT MARBLE CO	HUNTINGTON FALLS	OTTER CR	1,200	10,000	39
CENTRAL VT PUB SERV CORP	BRISTOL	NEW HAVEN	150	700	96
*VERMONT MARBLE CO	BELDENS	OTTER CR	1,200	9,600	41
CENTRAL VT PUB SERV CORP	LOWER MIDDLEBURY	OTTER CR	2,250	9,100	33
CENTRAL VT PUB SERV CORP	UPPER MIDDLEBURY	OTTER CR	180	900	21
CENTRAL VT PUB SERV CORP	EAST MIDDLEBURY	OTTER CR	160	1,100	20
CENTRAL VT PUB SERV CORP	SALISBURY	LEICESTER	1,300	3,700	160
CENTRAL VT PUB SERV CORP	SILVER LAKE	SILVER LAKE	2,200	6,400	676
*VERMONT MARBLE CO	PROCTOR	OTTER CR	3,930	15,400	120
*VERMONT MARBLE CO	CENTER RUTLAND	OTTER CR	275	470	27
CENTRAL VT PUB SERV CORP	PATCH	EAST CR	400	1,000	30
CENTRAL VT PUB SERV CORP	GLEN	EAST CR	2,000	5,600	173
CENTRAL VT PUB SERV CORP	PITTSFORD	EAST CR	3,600	8,000	481
CENTRAL VT PUB SERV CORP	HYDEVILLE	CASTLETON CR	270	600	40
NEW ENGLAND POWER CO	HARRIMAN	DEERFIELD	33,600	96,000	390
*HOUGHTON N SAWYER	SADAWGA	SADAWGA BROOK	360	600	-
NEW ENGLAND POWER CO	SEARSBURG	DEERFIELD	4,000	27,000	232
CONNECTICUT RIVER PWR CO	*VERNON	CONNECTICUT	8,400	46,000	34
CENTRAL VT PUB SERV CORP	DUMMERSTON	WEST	720	2,000	26
NEW ENGLAND POWER CO	BELLOWS FALLS	CONNECTICUT	40,800	225,000	62
*SPRINGFIELD TERMINAL RWY	GOULDS MILLS	BLACK	400	260	-
*FELLOWS GEAR SHAPER CO	SPRINGFIELD	BLACK	525	670	11
*BLACK JOHN T CORPN	SPRINGFIELD	BLACK	150	720	75
CENTRAL VT PUB SERV CORP	PERKINSVILLE	BLACK	360	300	22
CENTRAL VT PUB SERV CORP	CAVENDISH	BLACK	1,320	6,100	120
CENTRAL VT PUB SERV CORP	LOWER WINDSOR	MILL BROOK	147	300	40
*A G DEWEY COMPANY	QUECHEE	OTTAUQUECHEE	360	370	41
WOODSTOCK ELECTRIC CO	TAFTSVILLE	OTTAUQUECHEE	500	-	17
BRIDGEWATER ELECTRIC CO	BRIDGEWATER	OTTAUQUECHEE	150	400	15
CENTRAL VT PUB SERV CORP	BETHEL	WHITE	560	800	16
*BETHEL MILLS INC	BETHEL	WHITE	150	430	-
NEW ENGLAND POWER CO	*WILDER	CONNECTICUT	16,200	69,500	51
CENTRAL VT PUB SERV CORP	BRADFORD	WAITS	360	1,900	76

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>VERMONT CONT'D</u>					
GREEN MOUNTAIN POWER CORP	BOLTONVILLE NO 11	WELLS	470	700	68
GREEN MOUNTAIN POWER CORP	WEST DANVILLE 15	JOES BROOK	1,000	2,500	180
CENTRAL VT PUB SERV CORP	PASSUMPSIC	PASSUMPSIC	700	4,100	22
CENTRAL VT PUB SERV CORP	GAGE	PASSUMPSIC	700	3,100	22
CENTRAL VT PUB SERV CORP	ARNOLD FALLS	PASSUMPSIC	350	1,300	17
CENTRAL VT PUB SERV CORP	PIERCE MILLS	PASSUMPSIC	250	1,300	17
LYNDONVILLE VILLAGE OF	VAIL STATION	PASSUMPSIC	350	200	15
LYNDONVILLE VILLAGE OF	NO 1	PASSUMPSIC	600	4,400	61
*GILMAN PAPER CO	GILMAN	CONNECTICUT	2,990	15,000	27
PUBLIC SERVICE CO OF N H	LYMAN FALLS	CONNECTICUT	1,200	6,200	30
PUBLIC SERVICE CO OF N H	CANAAN	CONNECTICUT	1,100	7,400	35
*CUSHMAN MFG CO	NORTH BENNINGTON	PARAN CR	75	100	15
			193,442	794,591	
<u>MASSACHUSETTS</u>					
AMESBURY ELEC LIGHT CO	NO 5	POWOW	800	1,900	65
AMESBURY ELEC LIGHT CO	NO 6	POWOW	360	-	29
AMESBURY ELEC LIGHT CO	LAKE GARDNER	POWOW	150	300	16
*EVERETT MILL PROPERTIES	EVERETT MILLS	MERRIMACK	1,000	1,700	26
*PATCHOQUE PLYMOUTH MILLS	LAWRENCE	MERRIMACK	360	700	29
*SHOE LACE CORP	LAWRENCE	MERRIMACK	200	380	29
*MERRIMAC PAPER CO INC	MERRIMAC	MERRIMACK	900	2,300	30
*CHAMPION INTERNATIONAL CO	LAWRENCE	MERRIMACK	1,200	5,400	26
*PACIFIC MILLS	WORSTED	MERRIMACK	3,320	15,500	30
LAWRENCE GAS AND ELEC CO	LAWRENCE	MERRIMACK	1,870	200	30
*MERRIMAC MILLS CO	METHUEN	SPRICKET	265	320	-
*TALBOT MILLS	NORTH BILLERICA	CONCORD	300	350	-
*AMERICAN WOOLEN CO INC	ASSABET	ASSABET	150	310	22
METROPOLITAN DIST COMM	SUDBURY	SUDBURY	1,160	4,500	-
*MERRIMACK MFG CO	LOWELL	MERRIMACK	5,150	13,800	40
*LOWELL IND DEVELOPMENT CO	LOWELL	MERRIMACK	5,395	8,900	40
*JACKSON PROPERTIES INC	LOWELL	MERRIMACK	1,050	1,900	40
*BOOTT MILLS	LOWELL	MERRIMACK	2,750	4,700	40
*NEWMARKET MFG CO	LOWELL	MERRIMACK	1,180	5,400	40
*AMERICAN WOOLEN CO INC	BEAVER	BEAVER BROOK	180	170	-
*ABBOT WORSTED CO	FORGE VILLAGE	STONY BROOK	85	150	-
*ST REGIS PAPER CO	PEPPERELL	NASHUA	1,920	5,600	28
*SAMSON CORDAGE WORKS	SHIRLEY	SHIRLEY RESERVOIR	125	10	-
METROPOLITAN DIST COMM	WACHUSETT	S BR NASHUA	3,200	8,100	98
METROPOLITAN DIST COMM	OAKDALE	QUABBIN AQUEDUCT	3,500	6,000	-
*FALULAH PAPER CO	FITCHBURG	NORTH NASHUA	140	100	12
*CROCKER BURBANK AND CO	FITCHBURG	NORTH NASHUA	760	1,200	98
*AMERICAN WOOLEN CO	ARDEN	NORTH NASHUA	100	100	-
BOSTON EDISON CO	MOODY STREET	CHARLES	250	800	12
*NEW ENGLAND SPUN SILK CO	NEWTON	CHARLES	197	150	12
*UNITED WASTE CO	DEDHAM MILLS	CHARLES	300	120	-
WEYMOUTH LT AND POWER CO	IRON HILL	HERRING BROOK	200	-	40
*GENERAL FOODS CORPN	WALTER BAKER	NEPONSET	525	840	9
BOSTON EDISON CO	PLIMPTONVILLE	NEPONSET	50	200	17
*WHITIN MACHINE WORKS	WHITINSVILLE	MUMFORD	580	850	26
*KUPFER BROS CO	RIVERDALE	BLACKSTONE	150	400	9
*WHITIN PAUL MFG CO	NORTHBRIDGE	BLACKSTONE	200	390	11
*WUSKANUT WORSTED MILLS	FARNUMSVILLE	BLACKSTONE	130	340	9
*AMERICAN WOOLEN CO INC	WEBSTER	FRENCH	120	220	17
*RHODE ISLAND CARDBOARD CO	WEST DUDLEY	QUINEBAUG	495	330	11
*AMERICAN OPTICAL CO	SOUTHBRIDGE	QUINEBAUG	200	620	12
*AMES WORSTED CO	SOUTHBRIDGE	QUINEBAUG	700	950	17
*RUSSELL HARRINGTON CO	SOUTHBRIDGE	QUINEBAUG	240	620	-
*SOUTHBRIDGE FINISHING CO	SOUTHBRIDGE	QUINEBAUG	175	600	-
*SOUTHWORTH CO	WEST SPRINGFIELD	WESTFIELD	150	700	-
*STRATHMORE PAPER CO	WEST SPRING	WESTFIELD	1,400	4,800	32
WESTERN MASS ELEC CO	COBBLE MOUNTAIN	WESTFIELD LITTLE	33,000	20,000	456

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MASSACHUSETTS CONT'D</u>					
*STRATHMORE PAPER CO	WORONOCO	WESTFIELD	2,690	8,000	50
*WESTFIELD RIVER PAPER CO	RUSSELL	WESTFIELD	700	2,800	22
*TEXTRON INC	RUSSELL	WESTFIELD	920	1,700	-
*U S GOV ARMORY	SPRINGFIELD	MILL	375	240	-
WESTERN MASS ELEC CO	DWIGHT	CHICOPEE	2,080	9,900	34
WESTERN MASS ELEC CO	INDIAN ORCHARD	CHICOPEE	4,900	12,000	35
*LUDLOW MFG CO	LUDLOW	CHICOPEE	3,200	15,000	44
*LUDLOW MFG CO	RED BRIDGE	CHICOPEE	3,600	17,000	51
NEW ENGLAND POWER CO	THREE RIVERS	CHICOPEE	3,200	8,000	28
METROPOLITAN DIST COMM	WINSOR	SWIFT	1,200	4,800	-
CENTRAL MASS ELECTRIC CO	BLANCHARDVILLE	QUABAUG	375	1,200	16
*WARE INDUSTRIES INC	WARE	WARE	1,010	2,200	-
*BARRE WOOL COMBING CO LTD	SOUTH BARRE	WARE	150	800	21
HOLYOKE WATER POWER CO	HADLEY FALLS	CONNECTICUT	15,000	64,000	54
*CHEMICAL PAPER MFG CO	HOLYOKE	CONNECTICUT	1,600	8,000	23
*LIVINGSTON WORSTED MILLS	HOLYOKE	CONNECTICUT	300	1,200	12
HOLYOKE WATER POWER CO	NO 1	CONNECTICUT	7,640	44,000	30
*AMERICAN WRITING PAP CORP	HOLYOKE MILL	CONNECTICUT	3,510	9,700	39
*PARSONS PAPER CO	HOLYOKE	CONNECTICUT	732	900	20
HOLYOKE GAS AND ELEC DEPT	HOLYOKE	CONNECTICUT	2,306	10,600	20
*CROCKER MCELWAIN CO	HOLYOKE	CONNECTICUT	520	1,500	20
*AMERICAN THREAD CO	MERRICK	CONNECTICUT	375	1,000	20
*SKINNER WM AND SONS CO	HOLYOKE	CONNECTICUT	300	600	20
HOLYOKE WATER POWER CO	BEEBEE HOLBROOK	CONNECTICUT	500	2,500	20
*PRENTISS GEO W AND CO	HOLYOKE	CONNECTICUT	120	800	20
HOLYOKE WATER POWER CO	NO 2	CONNECTICUT	2,900	18,000	20
*UNITED ELASTIC CO	EASTHAMPTON	MANHAN	150	90	-
*HAMPTON MILLS INC	EASTHAMPTON	MANHAN	120	80	-
WESTERN MASS ELEC CO	GREEN RIVER	GREEN	75	200	10
NEW ENGLAND POWER CO	DEERFIELD NO 2	DEERFIELD	4,800	34,000	65
WESTERN MASS ELEC CO	GARDNER FALLS	DEERFIELD	3,980	16,800	39
NEW ENGLAND POWER CO	DEERFIELD NO 3	DEERFIELD	4,800	37,000	68
NEW ENGLAND POWER CO	DEERFIELD NO 4	DEERFIELD	4,800	32,000	68
*KENDALL CO	GRISWOLDVILLE	NORTH	180	580	22
NEW ENGLAND POWER CO	DEERFIELD NO 5	DEERFIELD	15,000	83,000	245
NEW ENGLAND POWER CO	SHERMAN	DEERFIELD	7,200	28,000	80
WESTERN MASS ELEC CO	CABOT	CONNECTICUT	51,000	243,350	61
WESTERN MASS ELEC CO	TURNERS FALLS	CONNECTICUT	4,840	8,650	48
*ESLEECK MANUFACTURING CO	TURNERS FALLS	CONNECTICUT	450	250	42
*KEITH PAPER CO	TURNERS FALLS	CONNECTICUT	937	4,800	47
*MILLERS FALLS PAPER CO	MILLERS FALLS	MILLERS	1,300	5,000	-
*ATHOL MFG CO	ATHOL	MILLERS	240	610	15
*STARRETT L S CO	ATHOL	MILLERS	362	200	-
WINCHENDON EL LT AND P CO	WHITNEY	MILLERS	256	600	21
S BERKSHIRE PWR AND EL CO	GREAT BARRINGTON	HOUSATONIC	500	2,000	12
S BERKSHIRE PWR AND EL CO	ROCKDALE	WILLIAMS	400	1,800	68
*RISING PAPER CO	HOUSATONIC	HOUSATONIC	692	1,200	27
*MONUMENT MILLS	NO 1 AND NO 3	HOUSATONIC	1,000	2,400	41
*HURLBUT PAPER CO	SOUTH LEE	HOUSATONIC	460	1,700	19
*SWERITZER PETER J INC	LEE	HOUSATONIC	1,723	2,000	24
*WYANDOTTE WORSTED CO	PITTSFIELD	HOUSATONIC	120	170	13
*CRANE AND CO	ALL PLANTS	HOUSATONIC	150	160	60
*SAWYER REGAN CO	DALTON	HOUSATONIC	120	40	22
*SPRAQUE ELECTRIC CO	BEAVER STREET	HOOSIC	250	170	20
			242,741	876,010	
<u>RHODE ISLAND</u>					
*WESTOVER FABRICS INC	WEST WARWICK	PAWTUXET	500	800	-
*BERKSHIRE FINE SPIN ASSN	COVENTRY	PAWTUXET	600	850	24
*INTERLAKEN MILLS	HARRIS	N BR PAWTUXET	180	390	19
*INTERLAKEN MILLS	DYE FINISH	N BR PAWTUXET	150	210	18

SEE FOOTNOTES AT END OF TABLE

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By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>RHODE ISLAND CONT'D</u>					
*VALLEY LACE CO	HOPE MILL	N BR PAWTUXET	460	710	26
CITY OF PROVIDENCE	SCITUATE DAM	N BR PAWTUXET	1,500	4,000	-
BLACKSTONE VAL G AND E CO	PAWTUCKET NO 2	BLACKSTONE	1,000	2,600	16
TEXTRON INC	MILL NO 4	BLACKSTONE	540	1,600	10
*TEXTRON INC	LINCOLN BLEACHERY	BLACKSTONE	375	1,800	23
*BERKSHIRE FINE SPIN ASSN	ALBION	BLACKSTONE	512	1,000	12
*CRESCENT CORP	MANVILLE	BLACKSTONE	900	3,200	18
BLACKSTONE VAL G AND E CO	WOONSOCKET NO 1	BLACKSTONE	375	500	12
*WOONSOCKET FALLS MILL	MAIN MILL	BLACKSTONE	390	480	18
*WOONSOCKET FALLS MILL	CLINTON BLEACHERY	BLACKSTONE	250	150	18
TEXTRON INC	BLACKSTONE ML	BLACKSTONE	1,500	3,100	32
*WILLIAM HELLINS CO INC	FORESTDALE	BRANCH	400	160	15
*KENDALL CO	SLATERSVILLE	BRANCH	320	800	35
			9,952	22,350	
<u>CONNECTICUT</u>					
*BERKMAN REALTY CO	FITCHVILLE	YANTIC	250	350	22
BOZRAH ELECTRIC CO	GILMAN	YANTIC	250	500	29
*U S FINISHING CO	NORWICH	SHETUCKET	525	1,000	15
NORWICH CITY OF	GREENVILLE	SHETUCKET	800	5,000	16
THE CONN LIGHT AND PWR CO	TUNNEL	QUINEBAUG	2,000	9,800	25
*UNITED MERCH AND MFGS MGT	JEWETT	QUINEBAUG	1,300	1,900	23
*ASPINOOK CORPN	JEWETT CITY	QUINEBAUG	1,105	2,800	23
*THE FLOYD CRANSKA COMPANY	MOOSUP	MOOSUP	133	70	8
*BRUNSWICK WORSTED MILL	MOOSUP	MOOSUP	250	380	20
*WAUREGAN MILLS INC	WAUREGAN	QUINEBAUG	1,400	4,500	19
*POWDRELL AND ALEXANDER	DANIELSON NO 2	FIVE MILE	450	750	26
*PRYM WILLIAM INC	DAYVILLE	FIVE MILE	200	200	-
*UXBRIDGE WORSTED CO INC	PUTNAM	QUINEBAUG	800	2,300	32
*NEW ENGLAND CHEMICAL CO	PUTNAM	QUINEBAUG	250	570	17
*BELDING HEMINWAY CO	PUTNAM	QUINEBAUG	312	780	17
*CLUETT PEABODY AND CO INC	GROSVENORDALE	FRENCH	500	950	206
*PONEMAH MILLS	TAFTVILLE	SHETUCKET	1,770	5,000	26
*PARKE DAVIS AND CO	VERSAILLES	LITTLE	150	290	21
*INLAND PAPER BOARD CO INC	VERSAILLES	LITTLE	87	110	-
*ANGUS PARK WOOLEN CO INC	HANOVER	LITTLE	100	270	28
NORWICH CITY OF	OCCUM	SHETUCKET	800	3,500	13
*BAL TIC MILLS CO	BAL TIC	SHETUCKET	1,600	3,700	28
THE CONN LIGHT AND PWR CO	SCOTLAND DAM	SHETUCKET	2,000	7,300	26
*AMERICAN THREAD CO	WILLIMANTIC	WILLIMANTIC	1,605	3,300	63
*JOHNSON CYRIL WOOLEN CO	STAFFORD SPRINGS	FURNACE	100	130	15
*STAFFORD WORSTED CO	STAFFORD SPRINGS	FURNACE	225	80	15
*RHODE ISLAND WORSTED CO	STAFFORD SPRINGS	FURNACE	120	250	19
*AMERICAN PAPER GOODS CO	KENSINGTON	MATTABESSET	150	210	-
*CHENEY BROTHERS	MANCHESTER	HOCKANUM	600	700	40
*U S ENVELOPE CO	WHITE CORBIN	HOCKANUM	80	50	16
*AMERICAN DYEING CORPN	ROCKVILLE	HOCKANUM	50	50	-
FARMINGTON RIVER POWER CO	RAINBOW	FARMINGTON	8,000	28,000	60
THE HARTFORD ELEC LT CO	TARIFFVILLE	FARMINGTON	1,500	9,200	29
THE CONNECTICUT POWER CO	UNIONVILLE	FARMINGTON	1,600	7,900	35
*COLLINS CO	COLLINSVILLE	FARMINGTON	2,000	7,300	18
THE CONN LIGHT AND PWR CO	ROBERTSVILLE	MAD	500	1,700	53
*GILBERT WM L CLOCK CO	WINSTED	MAD	120	170	19
*DEXTER C H AND SONS INC	WINDSOR LOCKS	CONNECTICUT	800	2,400	27
*CLARK GEORGE P CO	WINDSOR	CONNECTICUT	140	200	28
THE DERBY GAS AND ELEC CO	HOUSATONIC	HOUSATONIC	800	3,100	18
*AMERICAN BRASS CO	ANSONIA	NAUGATUCK	570	3,100	35
THE CONN LIGHT AND PWR CO	STEVENSON	HOUSATONIC	29,250	86,500	68
THE CONN LIGHT AND PWR CO	LITCHFIELD	BANTAM	320	1,300	62
THE CONN LIGHT AND PWR CO	ROCKY RIVER	ROCKY	36,600	18,000	230

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CONNECTICUT CONT'D</u>					
THE CONN LIGHT AND PWR CO	BULLS BRIDGE	HOUSATONIC	8,400	45,000	107
THE CONNECTICUT POWER CO	FALLS VILLAGE	HOUSATONIC	9,000	43,000	92
			119,562	313,660	
<u>NEW ENGLAND TOTAL</u>			<u>1,271,301</u>	<u>5,080,282</u>	
<u>MIDDLE ATLANTIC</u>					
<u>NEW YORK</u>					
NIAGARA MOHAWK PWR CORP	ASHLEY	HALFWAY CR	680	2,100	68
CENTRAL VT PUB SERV CORP	CARVERS FALLS	POULTNEY	1,560	8,300	112
*INTERNATIONAL PAPER CO	TICONDEROGA 38	TICONDEROGA CR	3,440	18,000	134
NIAGARA MOHAWK PWR CORP	PORT HENRY	MILL BROOK	1,800	5,600	380
WADHAMS WESTPORT P L CORP	WADHAMS NO 1	BCUQUET	464	1,200	48
WADHAMS WESTPORT P L CORP	WADHAMS NO 2	BLACK	700	3,400	530
NEW YORK ST EL G CORP	RAINBOW FALLS	AUSABLE	2,640	7,500	93
*PRESCOTT R AND SONS	KEESEVILLE	AUSABLE	180	270	13
*ROGERS J AND J CO	AU SABLE FORKS	W BR AUSABLE	1,250	4,700	92
LAKE PLACID VILLAGE OF	LAKE PLACID	CHUBB	332	900	35
PAUL SMITHS EL L AND P CO	LAKE PLACID	CHUBB	300	-	17
*IMPERIAL PAPER COLOR CORP	PLATTSBURG	SARANAC	600	2,600	22
NEW YORK ST EL G CORP	INDIAN RAPIDS	SARANAC	480	2,800	16
*DIAMOND MATCH CO	PLANT NO 1	SARANAC	2,400	10,000	43
*DIAMOND MATCH CO	PLANT NO 2	SARANAC	1,080	5,000	27
EASTERN NEW YORK PWR CORP	KENT FALLS	SARANAC	6,400	40,000	162
EASTERN NEW YORK PWR CORP	MILL C	SARANAC	2,250	12,500	65
EASTERN NEW YORK PWR CORP	CADYVILLE	SARANAC	2,400	15,000	77
EASTERN NEW YORK PWR CORP	HIGH FALLS	SARANAC	8,000	67,000	272
PAUL SMITHS EL L AND P CO	UNION FALLS	SARANAC	2,400	8,600	61
PAUL SMITHS EL L AND P CO	FRANKLIN FALLS	SARANAC	2,265	6,200	57
*THE WM H MINER FOUNDATION	LASSEL & MCGREGOR	BIG CHAZY	3,600	11,700	80
NEW YORK ST EL G CORP	CHATEAUGAY	CHATEAUGAY	720	5,200	88
NIAGARA MOHAWK PWR CORP	MACOMB	SALMON	1,000	6,800	53
NIAGARA MOHAWK PWR CORP	WHITTLESEY	SALMON	360	2,400	23
NIAGARA MOHAWK PWR CORP	CHASM FALLS	SALMON	3,350	24,218	266
NIAGARA MOHAWK PWR CORP	HOGANSBURG	ST REGIS	700	3,100	11
PAUL SMITHS EL L AND P CO	KEESES MILL	ST REGIS	245	200	11
NIAGARA MOHAWK PWR CORP	ALLENS FALLS	W BR ST REGIS	4,400	26,960	218
NIAGARA MOHAWK PWR CORP	PARISHVILLE	W BR ST REGIS	2,400	14,500	144
NIAGARA MOHAWK PWR CORP	RAYMONDVILLE	RAQUETTE	2,000	12,900	19
NIAGARA MOHAWK PWR CORP	NORFOLK	RAQUETTE	4,500	25,900	41
NIAGARA MOHAWK PWR CORP	EAST NORFOLK	RAQUETTE	3,000	19,409	31
NIAGARA MOHAWK PWR CORP	YALEVILLE	RAQUETTE	725	3,800	12
NIAGARA MOHAWK PWR CORP	NORWOOD	RAQUETTE	2,000	13,100	21
*RAQUETTE RIVER PAPER CO	UNIONVILLE	RAQUETTE	1,600	8,900	17
*RAQUETTE RIVER PAPER CO	HEWITTVILLE	RAQUETTE	1,500	8,400	13
POTSDAM MUN ELECTRIC PLT	POTSDAM	RAQUETTE	187	1,200	9
NIAGARA MOHAWK PWR CORP	SUGAR ISLAND	RAQUETTE	4,800	29,980	63
NIAGARA MOHAWK PWR CORP	HANNAVA FALLS	RAQUETTE	7,200	44,790	78
NIAGARA MOHAWK PWR CORP	COLTON	RAQUETTE	29,520	169,720	283
NIAGARA MOHAWK PWR CORP	HIGLEY	RAQUETTE	4,480	27,490	44
PAUL SMITHS EL L AND P CO	PIERCEFIELD	RAQUETTE	1,200	1,900	35
THE ST LAWRENCE RV PWR CO	MASSENA	GRASS	55,150	529,000	42
DEGRASS DEVELOPMENT CO	PYRITES	GRASS	1,200	9,000	-
NIAGARA MOHAWK PWR CORP	EEL WEIR	OSWEGATCHIE	2,700	11,607	12
NIAGARA MOHAWK PWR CORP	THERESA	INDIAN	1,615	7,400	66
THERESA MUNICIPAL LT COMM	THERESA	INDIAN	130	500	15
PHILADELPHIA MUN ELEC SYS	PHILADELPHIA	INDIAN	128	600	20
NIAGARA MOHAWK PWR CORP	PHILADELPHIA	INDIAN	500	3,100	55
NIAGARA MOHAWK PWR CORP	HEUVELTON	OSWEGATCHIE	1,040	5,200	15
*RUSHMORE PAPER MILLS INC	NATURAL DAM	OSWEGATCHIE	1,020	3,500	20

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NEW YORK CONT'D					
GOVERNEUR VILLAGE OF	GOVERNEUR	OSWEGATCHIE	160	900	7
OSWEGATCHIE LT AND PWR CO	HAILESBORO NO 4	OSWEGATCHIE	1,320	7,200	30
OSWEGATCHIE LT AND PWR CO	FOWLER	OSWEGATCHIE	900	5,000	15
*RUSHMORE PAPER CO	EMERYVILLE	OSWEGATCHIE	1,320	8,000	32
*INTERNATIONAL TALC CO	TALCVILLE	E BR OSWEGATCHIE	160	240	16
NIAGARA MOHAWK PWR CORP	OSWEGATCHIE	E BR OSWEGATCHIE	800	6,000	10
NIAGARA MOHAWK PWR CORP	SOUTH EDWARDS NO 2	E BR OSWEGATCHIE	2,680	19,570	82
NIAGARA MOHAWK PWR CORP	FLAT ROCK	E BR OSWEGATCHIE	6,000	17,680	57
NIAGARA MOHAWK PWR CORP	BROWNS FALLS	E BR OSWEGATCHIE	15,000	53,000	267
*NEWTON FALLS PAPER MILL	NEWTON FALLS	OSWEGATCHIE	2,230	12,100	46
*ST REGIS PAPER CO	HARRISVILLE	W BR OSWEGATCHIE	520	1,700	36
*TAGGART CORPORATION	WATERTOWN	BLACK	350	2,000	16
NIAGARA MOHAWK PWR CORP	MILL STREET	BLACK	840	2,000	33
BEEBE ISLAND CORP	BEEBE ISLAND	BLACK	8,000	45,000	31
NIAGARA MOHAWK PWR CORP	SEWALLS ISLAND	BLACK	2,000	11,700	17
NIAGARA MOHAWK PWR CORP	DIAMOND ISLAND	BLACK	1,200	9,100	10
WATERTOWN MUN ELEC DEPT	WATERTOWN	BLACK	5,400	33,000	27
NIAGARA MOHAWK PWR CORP	BLACK RIVER	BLACK	6,000	44,800	32
NIAGARA MOHAWK PWR CORP	KAMARGO	BLACK	5,400	29,150	23
NIAGARA MOHAWK PWR CORP	DEFERIET	BLACK	10,800	67,520	44
NIAGARA MOHAWK PWR CORP	HERRINGS	BLACK	5,400	25,840	19
*CROWN ZELLERBACH CORP	CARTHAGE	BLACK	1,120	2,900	30
*ST REGIS PAPER CO	CARTHAGE	BLACK	525	2,900	17
*CARTHAGE PAPER MAKERS INC	CARTHAGE	BLACK	800	5,400	8
*J P LEWIS CO	BEAVER FALLS	BEAVER	1,500	9,700	30
BEAVER RIVER PWR CO	HIGH FALLS	BEAVER	4,800	34,150	95
NIAGARA MOHAWK PWR CORP	BELFORT	BEAVER	1,800	12,600	48
NIAGARA MOHAWK PWR CORP	TAYLORVILLE	BEAVER	4,500	25,275	103
NIAGARA MOHAWK PWR CORP	ELMER FALLS	BEAVER	1,500	9,700	38
NIAGARA MOHAWK PWR CORP	EFFLEY FALLS	BEAVER	2,960	14,702	53
NIAGARA MOHAWK PWR CORP	SOFT MAPLE	BEAVER	15,000	35,246	124
NIAGARA MOHAWK PWR CORP	EAGLE FALLS	BEAVER	6,050	31,770	137
NIAGARA MOHAWK PWR CORP	MOSHIER FALLS	BEAVER	8,000	40,940	211
*GOULD PAPER CO	MILL NO 3	BLACK	1,700	9,900	13
BOONVILLE BD OF LT COMM	DENLEY	BLACK	596	3,300	22
NIAGARA MOHAWK PWR CORP	LIGHTHOUSE HILL	SALMON	7,500	22,710	64
NIAGARA MOHAWK PWR CORP	BENNETTS BRIDGE	SALMON	23,950	80,000	282
NIAGARA MOHAWK PWR CORP	VARICK	OSWEGO	8,800	44,000	17
NIAGARA MOHAWK PWR CORP	HIGH DAM NO 6	OSWEGO	7,600	50,000	19
NORTHERN NEW YORK PR CORP	MINETTO	OSWEGO	8,000	40,000	17
NIAGARA MOHAWK PWR CORP	VOLNEY	OSWEGO	340	2,000	20
NIAGARA MOHAWK PWR CORP	GRANBY	OSWEGO	4,682	27,090	24
NIAGARA MOHAWK PWR CORP	RIVERSIDE	OSWEGO	800	5,300	23
NIAGARA MOHAWK PWR CORP	FULTON	OSWEGO	1,250	7,200	17
*DILTS MACHINE WORKS	FULTON	OSWEGO	120	80	-
*OSWEGO FALLS CORPN	OSWEGO FALLS	OSWEGO	9,150	39,000	18
*SWEET BROS PAPER MFG CO	PHOENIX	OSWEGO	440	3,000	-
*PHOENIX T AND P CO	PHOENIX	OSWEGO	160	300	-
NIAGARA MOHAWK PWR CORP	BALDWINVILLE	SENECA	640	3,700	8
*DUNN AND MCCARTHY INC	WOOLEN MILL	OWASCO	800	2,600	21
*DUNN AND MCCARTHY INC	AUBURN	OWASCO	700	2,300	21
*SHOE FORM CO INC	AUBURN	OWASCO	200	400	16
*DUNN AND MCCARTHY INC	SHANK PLANT	OWASCO	300	770	-
*GRAND BAG AND PAPER CO	SHORTSVILLE	CANANDAIGUA OUTLET	149	250	-
CORNELL UNIVERSITY	NO 1 AND NO 2	FALL CR	800	5,300	-
*ITHACA GUN COMPANY INC	ITHACA	FALL CR	180	340	-
NEW YORK ST EL G CORP	SENECA FALLS	SENECA	8,000	11,500	50
NEW YORK ST EL G CORP	WATERLOO	SENECA CANAL	1,920	3,600	17
NEW YORK ST EL G CORP	SENECA MILLS	KEUKA LAKE OUTLET	240	2,200	41
NEW YORK ST EL G CORP	KEUKA LAKE NO 1	KEUKA LAKE	2,000	6,400	-
ROCHESTER GAS AND EL CORP	SODUS NO 201	SALMON CR	250	300	17
ROCHESTER GAS AND EL CORP	ROCHESTER NO 5	GENESEE	38,250	144,000	137

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By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NEW YORK CONT'D					
ROCHESTER GAS AND EL CORP	ROCHESTER NO 4	GENESSEE	1,600	5,800	91
ROCHESTER GAS AND EL CORP	ROCHESTER NO 2	GENESSEE	4,500	30,000	90
ROCHESTER GAS AND EL CORP	ROCHESTER NO 26	GENESSEE	3,600	-	-
ROCHESTER GAS AND EL CORP	MT MORRIS NO 160	GENESSEE	340	2,900	20
ROCHESTER GAS AND EL CORP	WISCONSIN NO 170	WISCON CR	1,080	4,900	104
ROCHESTER GAS AND EL CORP	MILLS MILLS NO 172	WISCON CR	220	900	58
NIAGARA MOHAWK PWR CORP	WATERPORT	OAK ORCHARD CR	4,650	12,900	78
NIAGARA MOHAWK PWR CORP	GLENWOOD	OAK ORCHARD CR	1,500	9,400	62
NIAGARA MOHAWK PWR CORP	MEDINA NO 1	OAK ORCHARD CR	300	1,800	28
NIAGARA MOHAWK PWR CORP	OAK ORCHARD	OAK ORCHARD CR	350	2,100	27
NIAGARA MOHAWK PWR CORP	BURT	18 MILE CR	1,000	2,300	47
NIAGARA MOHAWK PWR CORP	E D ADAMS	NIAGARA	80,000	675,000	138
NIAGARA MOHAWK PWR CORP	SCHOELLKOPF	NIAGARA	334,800	3,180,000	218
NIAGARA MOHAWK PWR CORP	HYDRAULIC RACE	BARGE CANAL	4,687	24,000	50
SPRINGVILLE EL LT PWR CO	SPRINGVILLE	CATTARAUGUS CR	500	2,000	-
*PATCHOGUE PLYMOUTH MILLS	PATCHOGUE	PATCHOGUE CR	40	-	-
GEO JUENGST AND SONS	CROTON FALLS	E BR CROTON	590	2,200	-
*GROVEVILLE CORP	BEACON	FISH KILL CR	520	1,100	-
*TEXAS CO	BEACON LABORATORY	FISH KILL CR	180	1,000	-
*BRAENDLY DYE WORKS INC	BEACON	FISH KILL CR	100	270	-
*LOCKWOOD DUCHESS INC	WAPPINGERS FALLS	WAPPINGER CR	1,300	5,500	85
CENT HUDSON G AND EL CORP	STURGEON POOL	WALKILL	14,400	53,262	108
CENT HUDSON G AND EL CORP	DASHVILLE	WALKILL	4,800	18,342	42
NEW YORK ST EL AND G CORP	WALDEN	WALKILL	1,475	5,500	36
CENT HUDSON G AND EL CORP	HIGH FALLS	RONOUT CR	2,120	7,200	48
*MARTIN CANTINE CO	SAUGERTIES	ESOPUS CR	280	1,000	-
NIAGARA MOHAWK PWR CORP	BINGHAM MILLS	JENSENKILL	480	1,400	45
CENT HUDSON G AND EL CORP	CAIRO	CATSKILL CR	700	1,900	40
*JUILLIARD A D AND CO INC	STOTTVILLE	CLAVELACK CR	125	340	18
NIAGARA MOHAWK PWR CORP	STUYVESTANT	KINDERHOOK CR	2,800	15,000	100
*FORT ORANGE PAPER CO	CASTLETON	MOORDENER KILL	150	180	-
*FORD MOTOR CO	GREEN ISLAND	HUDSON	7,200	25,000	16
*MANNING J A PAPER CO INC	TROY	POSTEN KILL	300	600	-
NIAGARA MOHAWK PWR CORP	CHAMPLAIN	MOHAWK	180	1,000	16
NIAGARA MOHAWK PWR CORP	SCHOOL ST COHOES	MOHAWK	38,800	170,000	94
NEW YORK ST DEPT PUB WKS	CRESCENT	MOHAWK	5,600	39,000	28
NEW YORK ST DEPT PUB WKS	VISSCHER FERRY	MOHAWK	5,600	39,000	28
NIAGARA MOHAWK PWR CORP	EPHRAIM	CAROGA CR	5,150	15,000	294
NIAGARA MOHAWK PWR CORP	BEARDSLEE FALLS	E CANADA CR	20,000	50,000	156
NIAGARA MOHAWK PWR CORP	INGHAM'S MILLS	E CANADA CR	6,400	27,000	124
*GREEN DANIEL CO	DOLGEVILLE	E CANADA CR	320	1,800	-
NIAGARA MOHAWK PWR CORP	DOLGEVILLE	E CANADA CR	1,860	9,400	71
*FROST WHITE PAPER MILLS	SALISBURY	SPRUCE CR	360	1,400	-
NIAGARA MOHAWK PWR CORP	SPRITE CREEK	SPRITE CR	5,840	13,500	407
NIAGARA MOHAWK PWR CORP	LITTLE FALLS	MOHAWK	1,150	8,500	18
*BURROWS PAPER CORP	LITTLE FALLS	MOHAWK	150	330	-
*STANDARD FURNITURE CO	HERKIMER	W CANADA CR	300	1,000	-
NIAGARA MOHAWK PWR CORP	TRENTON FALLS	W CANADA CR	23,200	132,660	264
JUILLIARD A D AND CO INC	CHADWICKS	SAUQUOIT CR	150	-	25
*CASCADE FINISHING CO	ORISKANY FALLS	ORISKANY CR	125	320	20
NIAGARA MOHAWK PWR CORP	MECHANICVILLE	HUDSON	4,500	31,300	17
*WEST VA PULP AND PAPER CO	MECHANICVILLE	HUDSON	6,310	41,000	23
NIAGARA MOHAWK PWR CORP	SCHAGHTICOKE	HOOSIC	13,120	62,000	153
NIAGARA MOHAWK PWR CORP	JOHNSONVILLE	HOOSIC	4,800	12,300	35
CENTRAL VT PUB SERV CORP	HOOSIC FALLS	HOOSIC	1,050	3,700	24
NIAGARA MOHAWK PWR CORP	SCHUYLERVILLE	FISH CR	1,200	7,600	61
NIAGARA MOHAWK PWR CORP	VICTORY MILLS	FISH CR	1,280	4,200	40
NIAGARA MOHAWK PWR CORP	MIDDLE FALLS	BATTENKILL	1,040	5,900	51
*STEVENS THOMPSON PAPER CO	GREENWICH	BATTENKILL	750	4,900	15
NEW YORK ST EL G CORP	EAST GREENWICH	BATTENKILL	140	900	10
*UNITED PAPER BOARD CO	THOMSON	HUDSON	1,320	9,000	18
EASTERN NEW YORK PWR CORP	FORT EDWARD	HUDSON	2,850	22,430	21

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By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NEW YORK CONT'D</u>					
NIAGARA MOHAWK PWR CORP	BAKER FALLS	HUDSON	2,250	15,400	55
NIAGARA MOHAWK PWR CORP	MOREAU	HUDSON	4,800	42,000	64
*FINCH PRUYN AND CO	GLENS FALLS	HUDSON	3,900	17,000	45
EASTERN NEW YORK PWR CORP	SOUTH GLEN FALLS	HUDSON	3,800	27,200	47
MOREAU MANUFACTURING CORP	FEEDER DAM	HUDSON	6,000	28,000	15
EASTERN NEW YORK PWR CORP	SHERMAN ISLAND	HUDSON	28,800	160,000	67
NIAGARA MOHAWK PWR CORP	SPIER FALLS	HUDSON	44,400	214,000	84
*INTERNATIONAL PAPER CO	PALMER	HUDSON	4,950	30,000	87
*INTERNATIONAL PAPER CO	CURTIS	HUDSON	5,000	22,480	26
NIAGARA MOHAWK PWR CORP	STEWARTS BRIDGE	SACANDAGA	30,000	100,000	100
NIAGARA MOHAWK PWR CORP	E J WEST	SACANDAGA	20,000	70,000	75
NIAGARA MOHAWK PWR CORP	SPECULATOR	SACANDAGA	125	800	51
NIAGARA MOHAWK PWR CORP	BLUE RIDGE	SCHROON	100	500	29
INDIAN LAKE PWR AND LT CO	CEDAR RIVER	CEDAR	146	400	-
ORANGE AND ROCKLAND EL CO	TUXEDO	RAMAPO	250	700	32
ROCKLAND LIGHT AND PWR CO	RIO	MONGAUP	10,000	33,575	185
ROCKLAND LIGHT AND PWR CO	MONGAUP FALLS	MONGAUP	4,000	20,263	115
ROCKLAND LIGHT AND PWR CO	SWINGING BRIDGE 2	MONGAUP	6,750	11,700	125
ROCKLAND LIGHT AND PWR CO	SWINGING BRIDGE 1	MONGAUP	5,000	7,255	125
NEW YORK ST EL AND G CORP	OWEGO LOWER	OWEGO	560	1,200	16
NEW YORK ST EL AND G CORP	OWEGO UPPER	OWEGO	360	500	8
*ELMORE MILLING CO INC	ONEONTA	SUSQUEHANNA	450	900	-
NEW YORK ST EL AND G CORP	ONEONTA	SUSQUEHANNA	320	900	13
NEW YORK ST EL AND G CORP	COLLIERS	SUSQUEHANNA	3,560	8,000	30
			1,254,896	8,016,174	
<u>NEW JERSEY</u>					
PATTERSON CITY OF	PATTERSON	PASSAIC	3,680	28,000	68
PASSAIC VALLEY WATER COMM	LITTLE FALLS	PASSAIC	2,400	10,000	36
*TAYLOR WHARTON IRON CO	HIGH BRIDGE	S BR RARITAN	300	600	33
*MAYS LANDING WTR PWR CO	MAYS LANDING	GREAT EGG	384	740	14
*MILLVILLE MFG CO	MILLVILLE	MAURICE	500	2,600	-
*RIEDEL PAPER CORPN	RIEGELSVILLE	MUSCONETCONG	250	1,100	21
*RIEDEL PAPER CORPN	HUGHESVILLE	MUSCONETCONG	444	1,900	27
*RIEDEL PAPER CORPN	WARREN GLEN	MUSCONETCONG	720	4,000	50
NEW JERSEY PWR AND LT CO	COLUMBIA	PAULINS KILL	270	800	15
			8,948	49,740	
<u>PENNSYLVANIA</u>					
PENNSYLVANIA P AND LT CO	WOMELSDORF	TULPEHOCKEN CR	75	100	9
PENNSYLVANIA P AND LT CO	RAUBSVILLE	DELAWARE-LEHIGH	1,440	6,000	30
METROPOLITAN EDISON CO	SOUTH SIDE EASTON	LEHIGH	1,000	3,900	20
UNION MILLS P MFG CO	NEW HOPE	BROODHEAD CR	334	700	-
PENNSYLVANIA P AND LT CO	WALLENPAUPACK	WALLENPAUPACK CR	40,000	76,300	370
PENNA WATER AND PWR CO	HOLTWOOD	SUSQUEHANNA	111,000	598,000	51
PENNSYLVANIA P AND LT CO	ROCK HILL	CONESTOGA CR	350	1,000	8
PENNSYLVANIA P AND LT CO	SLACKWATER	CONESTOGA CR	650	2,400	16
SAFE HARBOR WATERPOWER CO	SAFE HARBOR	SUSQUEHANNA	230,000	918,000	54
*INTERNATIONAL PAPER CO	YORK HAVEN	SUSQUEHANNA	2,500	15,500	21
METROPOLITAN EDISON CO	YORK HAVEN	SUSQUEHANNA	19,620	115,000	21
PENNSYLVANIA P AND LT CO	CARLISLE	CONODOQUINET CR	450	500	9
YEAGERTOWN WATER POWER CO	YEAGERTOWN	KISHACOQUILLAS CR	300	700	-
PENNSYLVANIA ELEC CO	RAYSTOWN	RAYSTOWN B JUNIATA	2,100	11,700	32
PENNSYLVANIA ELEC CO	WARRIOR RIDGE	JUNIATA	1,600	8,900	27
PENNSYLVANIA P AND LT CO	MIDDLE CREEK	MIDDLE CR	200	1,000	20
NORTHERN PENN POWER CO	OAKLAND	SUSQUEHANNA	600	1,900	9
CUMBERLAND VAL ELEC CO	MONTGOMERY	CONOCOCHEAQUE CR	125	400	7
*REPUBLIC STEEL CORPN	BEAVER FALLS	BEAVER	200	760	-
PENNSYLVANIA ELECTRIC CO	PINEY	CLARION	28,800	80,000	83
			441,344	1,842,760	
<u>MIDDLE ATLANTIC TOTAL</u>			1,705,188	9,908,674	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>EAST NORTH CENTRAL</u>					
<u>OHIO</u>					
OHIO EDISON CO	GORGE HYDRO	CUYAHOGA	1,950	7,400	105
*VAUGHN MACHINE CO	CUYAHOGA FALLS	CUYAHOGA	149	390	11
THE OHIO POWER CO	BALLVILLE	SANDUSKEY	3,000	5,000	40
THE TOLEDO EDISON CO	DEFIANCE	AUGLAIE	5,000	8,000	24
*BENDIX AVIATION CO	HAMILTON	MIAMI	2,250	12,000	26
*SORG PAPER CO	MIDDLETOWN	MIAMI	350	750	14
*MAXWELL PAPER CO	FRANKLIN	MIAMI	600	570	-
DAYTON PWR AND LT CO	WEST MILTON	STILLWATER	125	100	11
DAYTON PWR AND LT CO	COVINGTON	STILLWATER	450	1,200	27
			13,874	36,210	
<u>INDIANA</u>					
FORT WAYNE LT AND PWR WKS	MAUMEE DAM	HAUME	250	100	10
FORT WAYNE LT AND PWR WKS	ST JOE DAM	ST JOSEPH	175	800	10
INDIANA AND MICH ELEC CO	SOUTH BEND	ST JOSEPH	1,500	3,600	10
INDIANA AND MICH ELEC CO	TWIN BRANCH	ST JOSEPH	7,260	22,000	24
INDIANA AND MICH ELEC CO	ELKHART	ST JOSEPH	3,440	16,000	19
NORTHERN IND PUB SERV CO	GOSHEN	ELKHART	600	2,300	15
NORTHERN IND PUB SERV CO	BAINTERTOWN	ELKHART	240	800	9
NORTHERN IND PUB SERV CO	BENTON	ELKHART	320	1,200	19
BOEHRER ELECTRIC CO	HOWE	PIGEON	90	300	7
NORTHERN IND PUB SERV CO	MONGO	PIGEON	125	500	13
STAR MILLING AND ELEC CO	STAR MILL	FAWN	250	700	13
PUBLIC SERV CO OF INDIANA	WILLIAMS	E FK WHITE	3,200	10,918	14
PUBLIC SERV CO OF INDIANA	NOBLESVILLE	W FK WHITE	384	900	10
NORTHERN IND PUB SERV CO	OAKDALE	TIPPECANOE	11,000	35,000	45
NORTHERN IND PUB SERV CO	NORWAY	TIPPECANOE	6,720	25,000	31
			35,554	120,118	
<u>ILLINOIS</u>					
NO COUNTIES HYDRO ELEC CO	DAYTON	FOX	3,680	17,000	30
*WOODRUFF AND EDWARDS INC	ELGIN	FOX	300	340	7
*NATIONAL BISCUIT CO	CARTON	ILLINOIS	450	1,700	15
*CERTAIN TEED PRODS CORP	MARSEILLES	ILLINOIS	350	1,100	15
ILLINOIS POWER CO	MARSEILLES	ILLINOIS	2,024	18,900	14
SANITARY DIST OF CHICAGO	LOCKPORT	DES PLAINES	23,000	75,000	39
LEHON CO	WILMINGTON	KANKAKEE	1,175	180	11
S S DAVIS	SEARS	ROCK	1,440	11,000	11
COMMONWEALTH EDISON CO	STERLING LOWER	ROCK	1,490	5,800	9
COMMONWEALTH EDISON CO	STERLING UPPER	ROCK	2,175	10,000	10
COMMONWEALTH EDISON CO	DIXON	ROCK	3,200	16,158	9
CENTRAL ILL EL AND GAS CO	ROCKFORD	ROCK	1,200	3,300	9
SOUTH BELDIT W G AND E CO	ROCKTON	ROCK	1,100	6,000	12
IOWA ILL GAS AND ELEC CO	MOLINE	MISSISSIPPI	3,600	25,000	12
*CORPS OF ENGINEERS	ROCK ISLAND	MISSISSIPPI	2,752	20,000	16
			47,936	211,478	
<u>MICHIGAN</u>					
*FORD MOTOR CO	DUNDEE	RAISIN	125	260	6
CONSUMERS POWER CO	TECUMSEH M	RAISIN	300	900	15
HAYDEN FUEL AND SUPPLY CO	TECUMSEH	RAISIN	250	1,500	21
*FORD MOTOR CO	MANCHESTER	RAISIN	140	690	-
*FORD MOTOR CO	BROOKLYN	RAISIN	50	240	-
THE DETROIT EDISON CO	FRENCH LAND	HURON	3,000	6,638	32
*FORD MOTOR CO	YPSILANTI	HURON	1,875	8,500	33
THE DETROIT EDISON CO	SUPERIOR	HURON	1,325	4,000	16
THE DETROIT EDISON CO	GEDDES	HURON	1,000	3,800	16
THE DETROIT EDISON CO	ARGO	HURON	1,025	3,100	15
THE DETROIT EDISON CO	BARTON	HURON	1,500	6,500	26
*FORD MOTOR CO	MILFORD	HURON	290	1,100	-
ST LOUIS CITY OF	ST LOUIS	PINE	360	700	10
*HARRIS MILLING CO	MT PLEASANT	CHIPPEWA	150	500	-

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MICHIGAN CONT'D</u>					
WOLVERINE POWER CO	SANFORD	TITTABAWASSEE	4,000	8,000	28
WOLVERINE POWER CO	EDENVILLE	TITTABAWASSEE	6,000	12,000	43
CONSUMERS POWER CO	CHAPPEL	TOBACCO	430	1,200	28
CONSUMERS POWER CO	BEAVERTOWN	TOBACCO	970	2,800	20
WOLVERINE POWER CO	SMALLWOOD	TITTABAWASSEE	1,500	2,600	26
WOLVERINE POWER CO	SEGORDS	TITTABAWASSEE	1,500	3,000	48
CONSUMERS POWER CO	SHIAWASSEE	SHIAWASSEE	150	800	12
CONSUMERS POWER CO	FOOTE	AU SABLE	9,000	28,460	39
CONSUMERS POWER CO	COOKE	AU SABLE	9,000	26,300	39
CONSUMERS POWER CO	FIVE CHANNELS	AU SABLE	6,000	25,020	36
CONSUMERS POWER CO	LOUD	AU SABLE	4,000	18,390	27
CONSUMERS POWER CO	ALCONA	AU SABLE	8,000	25,870	39
CONSUMERS POWER CO	MIO	AU SABLE	5,000	15,130	29
CONSUMERS POWER CO	GRAYLING	AU SABLE	90	200	13
ALPENA POWER CO	NINTH STREET	THUNDER BAY	1,080	4,400	18
ALPENA POWER CO	FOUR MILE DAM	THUNDER BAY	1,800	7,200	26
ALPENA POWER CO	NORWAY POINT	THUNDER BAY	4,000	10,000	37
HILLMAN LT AND PWR CO	HILLMAN	THUNDER BAY	180	100	-
NORTHERN MICHIGAN EL COOP	ATLANTA	THUNDER BAY	60	-	10
CONSUMERS POWER CO	CHEYBOYGAN	CHEYBOYGAN	1,800	6,400	14
CONSUMERS POWER CO	BLACK RIVER	BLACK	800	2,800	19
NORTHERN MICHIGAN EL COOP	KLEBER	BLACK	1,200	-	-
NORTHERN MICHIGAN EL COOP	TOWER HYDRO	BLACK	560	2,100	21
CARBIDE POWER CO	CARBIDE	ST MARYS	42,240	267,000	21
CORPS OF ENGINEERS	ST MARYS FALLS	ST MARYS	16,400	88,000	22
CONSUMERS POWER CO	RUGG	RAPID	160	500	21
CONSUMERS POWER CO	ELK RAPIDS	ELK	1,050	2,200	11
CONSUMERS POWER CO	BOYNE RIVER	BOYNE	500	1,300	32
CONSUMERS POWER CO	BOYNE FALLS	BOYNE	80	300	18
PETOSKEY CITY OF	LOWER	BEAR	120	500	21
PETOSKEY CITY OF	MITCHELL	BEAR	500	1,000	28
PETOSKEY CITY OF	UPPER	BEAR	250	700	21
CHARLEVOIX CITY OF	BELLAIRE	CEDAR	300	1,400	-
CONSUMERS POWER CO	BOARDMAN NO 2	BOARDMAN	1,000	2,900	19
CONSUMERS POWER CO	BOARDMAN NO 3	BOARDMAN	2,200	6,000	41
TRAVERSE CITY L P DEPT	KEYSTONE	BOARDMAN	480	2,300	22
TRAVERSE CITY L P DEPT	BROWN BRIDGE	BOARDMAN	650	2,300	-
CONSUMERS POWER CO	HOMESTEAD	BETSIE	600	3,000	26
CONSUMERS POWER CO	C W TIPPY	MANISTEE	20,000	56,630	56
CONSUMERS POWER CO	STRONACH	PINE	800	1,800	18
CONSUMERS POWER CO	HODENPYL	MANISTEE	18,000	45,270	68
MANTON WATER AND LT DEPT	MANTON	CEDAR CR	68	30	-
HART HYDRO ELEC SYSTEM	HART	PENTWATER	260	1,000	-
CONSUMERS POWER CO	NEWAYGO	MUSKEGON	1,600	11,200	18
CONSUMERS POWER CO	CROTON	MUSKEGON	9,000	35,990	41
CONSUMERS POWER CO	HARDY	MUSKEGON	30,000	79,990	100
CONSUMERS POWER CO	ROGERS	MUSKEGON	6,750	25,940	40
CONSUMERS POWER CO	BIG RAPIDS	MUSKEGON	400	1,800	16
CENTRAL PLANT CO	BIG RAPIDS	MUSKEGON	400	3,300	16
CONSUMERS POWER CO	REED CITY	HERSEY	150	400	17
CONSUMERS POWER CO	GRANDS RAPIDS	GRAND	400	2,000	18
CONSUMERS POWER CO	ADA	THORNAPPLE	2,000	6,700	20
CONSUMERS POWER CO	CASCADE	THORNAPPLE	2,560	8,000	28
CONSUMERS POWER CO	LABARGE	THORNAPPLE	700	3,400	19
LOWELL VILLAGE OF	LOWELL	FLAT	710	2,700	18
CONSUMERS POWER CO	LOWELL	FLAT	900	5,100	34
CONSUMERS POWER CO	SMYRNA	FLAT	240	1,000	8
CONSUMERS POWER CO	BELDING	FLAT	400	1,400	10
CONSUMERS POWER CO	HUBBARDSTON	FISH CR	240	700	20
CONSUMERS POWER CO	LYONS	GRAND	450	1,600	10
CONSUMERS POWER CO	WAGAR	GRAND	450	1,500	10
CONSUMERS POWER CO	WEBBER	GRAND	3,250	9,143	26

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MICHIGAN CONT'D</u>					
PORTLAND ELEC DEPARTMENT	PORTLAND	GRAND	375	2,400	20
LANSING WTR AND LT COMM	NORTH LANSING	GRAND	200	1,100	9
LANSING WTR AND LT COMM	MOORES PARK	GRAND	1,000	2,600	15
*MILLER DAIRY FARM	EATON RAPIDS	SPRING CR	450	1,500	-
ALLEGAN CITY OF	ALLEGAN CITY	KALAMAZOO	2,600	7,000	15
CONSUMERS POWER CO	ALLEGAN	KALAMAZOO	650	4,000	12
CONSUMERS POWER CO	TROWBRIDGE	KALAMAZOO	1,500	9,500	22
CONSUMERS POWER CO	OTSEGO	KALAMAZOO	1,700	7,900	14
CONSUMERS POWER CO	PLAINWELL NO 1	KALAMAZOO	900	5,400	13
CONSUMERS POWER CO	PLAINWELL NO 2	KALAMAZOO	150	900	10
*MICHIGAN PAPER CO	PLAINWELL	KALAMAZOO	150	700	10
CONSUMERS POWER CO	B C MONROE	KALAMAZOO	150	400	10
CONSUMERS POWER CO	CERESCO	KALAMAZOO	600	2,100	14
MARSHALL CITY OF	MARSHALL	KALAMAZOO	463	1,500	15
*WATERVLIET PAPER CO	WATERVLIET	PAW PAW	300	1,300	11
PAW PAW VILLAGE OF	PAW PAW	W BR PAW PAW	250	800	-
INDIANA AND MICH ELEC CO	BERRIEN SPRINGS	ST JOSEPH	7,200	31,000	23
INDIANA AND MICH ELEC CO	BUCHANAN	ST JOSEPH	4,104	16,500	13
NILES CITY OF	NILES	DOWAGIAC CR	460	2,300	21
*FRENCH PAPER CO	NILES	ST JOSEPH	1,300	5,500	14
MICHIGAN GAS AND EL CO	MOTTVILLE	ST JOSEPH	1,680	7,100	11
MICHIGAN GAS AND EL CO	CONSTANTINE	ST JOSEPH	1,200	5,500	11
CONSUMERS POWER CO	CENTERVILLE	PRAIRIE	150	600	18
THREE RIVERS CITY OF	THREE RIVERS	ROCKY	200	700	13
MICHIGAN GAS AND EL CO	THREE RIVERS	PORTAGE	168	700	9
*FAIRBANKS MORSE AND CO	THREE RIVERS	ROCKY	900	1,800	12
STURGIS CITY OF	STURGIS	ST JOSEPH	1,100	4,100	26
UNION CITY VILLAGE OF	RILEY	ST JOSEPH	419	1,300	15
*MARINETTE PAPER CO	MENOMINEE	MENOMINEE	800	5,700	12
MENOMINEE MARINETTE LT TR	RAPID	MENOMINEE	7,020	35,600	28
WISCONSIN MICHIGAN PWR CO	WHITE RAPIDS	MENOMINEE	8,000	36,000	29
WISCONSIN MICHIGAN PWR CO	CHALK HILL	MENOMINEE	7,800	33,000	29
NORWAY CITY OF	NORWAY	MENOMINEE	3,500	22,000	26
WISCONSIN MICHIGAN PWR CO	STURGEON RIVER	STURGEON	800	4,000	66
WISCONSIN MICHIGAN PWR CO	BIG QUINNESEC	MENOMINEE	16,000	104,000	92
WISCONSIN MICHIGAN PWR CO	QUINNESEC FALLS	MENOMINEE	3,530	35,800	62
*KINGSFORD CHEMICAL CO	IRON MOUNTAIN	MENOMINEE	7,200	25,000	30
WISCONSIN MICHIGAN PWR CO	TWIN FALLS	MENOMINEE	5,000	31,000	44
WISCONSIN MICHIGAN PWR CO	PEAVY FALLS	MICHIGAMME	15,000	39,000	95
WISCONSIN MICHIGAN PWR CO	WAY DAM	MICHIGAMME	1,800	10,000	39
THE CLIFFS PWR AND LT CO	REPUBLIC	MICHIGAMME	640	1,800	23
WISCONSIN MICHIGAN PWR CO	BRULE ISLAND	BRULE	5,335	24,300	63
WISCONSIN MICHIGAN PWR CO	LOWER PAINT	PAINT	100	600	22
CRYSTAL FALLS LT WTR DEPT	CRYSTAL FALLS	PAINT	500	3,000	21
UPPER MICH PWR AND LT CO	ESCANABA NO 1	ESCANABA	1,950	6,700	24
UPPER MICH PWR AND LT CO	ESCANABA NO 2	ESCANABA	1,250	6,500	30
UPPER MICH PWR AND LT CO	CHANDLER NO 3	ESCANABA	2,500	9,922	28
UPPER MICH PWR AND LT CO	BONEY FALLS NO 4	ESCANABA	4,500	13,998	49
THE CLIFFS PWR AND LT CO	ESCANABA	ESCANABA	2,000	5,313	67
*MANISTIQUE PULP PAP CO	MANISTIQUE	MANISTIQUE	1,000	1,300	26
THE CLIFFS PWR AND LT CO	AU TRAIN	AU TRAIN	896	4,700	137
THE CLIFFS PWR AND LT CO	CARP	CARP	4,480	19,295	608
MARQUETTE CITY OF	MARQUETTE NO 3	DEAD	700	3,900	32
MARQUETTE CITY OF	MARQUETTE NO 2	DEAD	3,200	12,000	132
MARQUETTE CITY OF	MARQUETTE NO 1	DEAD	1,000	700	90
THE CLIFFS PWR AND LT CO	MC CLURE	DEAD	8,000	48,348	424
THE CLIFFS PWR AND LT CO	HOIST	DEAD	4,400	17,000	148
L ANSE VILLAGE OF	L ANSE	FALLS	100	500	-
UPPER PENINSULA PWR CO	PRICKETT	STURGEON	2,200	9,500	54
UPPER PENINSULA PWR CO	VICTORIA	ONTONAGON	12,000	68,000	218
LAKE SUPERIOR DIST PWR CO	SUPERIOR FALLS	MONTREAL	1,320	10,300	137
LAKE SUPERIOR DIST PWR CO	SAXON	MONTREAL	1,250	9,400	119
			410,858	1,712,367	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
WISCONSIN					
WISCONSIN ELEC PWR CO	WEST BEND	MILWAUKEE	175	200	13
*NICOLET PAPER CORPN	WEST DE PERE	FOX	900	6,400	8
KAUKAUNA ELEC WTR DEPT	RAPID CROCHE	FOX	2,400	13,000	8
KAUKAUNA ELEC WTR DEPT	KAUKAUNA	FOX	4,800	35,500	23
KAUKAUNA ELEC WTR DEPT	BADGER	FOX	5,600	35,000	22
*COMBINED LOCKS PAPER CO	COMBINED LOCKS	FOX	425	2,900	21
KAUKAUNA ELEC WTR DEPT	LITTLE CHUTE	FOX	3,300	19,000	12
*KIMBERLY CLARK CORP	KIMBERLY	FOX	2,700	13,000	8
*CONSOL WTR PWR PAPER CO	APPLETON	FOX	480	2,600	8
*FOX RIVER PAPER CORP	APPLETON	FOX	1,315	7,000	11
*APPLETON WOOLEN MILLS	APPLETON	FOX	100	650	10
*KIMBERLY CLARK CORP	ATLAS MILL	FOX	1,650	8,900	15
WISCONSIN MICHIGAN PWR CO	APPLETON	FOX	1,440	9,800	16
*WESTERN CONDENSING CO	APPLETON	FOX	132	850	15
*WHITING GEORGE A PAPER CO	MENASHA	FOX	120	300	8
*BERGSTROM PAPER CO	NEENAH	FOX	400	1,100	9
WISCONSIN MICHIGAN PWR CO	WEYAUWEGA	WAUPACA	400	900	13
WISCONSIN PUB SERV CORP	WAUPACA	WAUPACA	250	800	19
WAUPACA CITY OF	WAUPACA	WAUPACA	75	200	13
WISCONSIN POWER AND LT CO	MANAWA	LITTLE WOLF	264	800	12
WISCONSIN POWER AND LT CO	BIG FALLS	LITTLE WOLF	320	1,300	30
WISCONSIN POWER AND LT CO	HAYMAN FALLS	EMBARRASS	448	1,500	33
WISCONSIN POWER AND LT CO	WITTENBERG	EMBARRASS	100	300	23
GRESHAM WTR PWR AND EL PL	GRESHAM	RED	275	700	32
WISCONSIN POWER AND LT CO	PHLOX	RED	80	300	22
*SHAWANO PAPER MILLS	SHAWANO	WOLF	490	1,400	10
WISCONSIN POWER AND LT CO	SHAWANO	WOLF	700	3,400	18
WISCONSIN POWER AND LT CO	PRINCETON	MECAN	108	700	20
WISCONSIN POWER AND LT CO	NESHKORO	WHITE	150	600	12
WHITE RIVER POWER CO	NESHKORO	WHITE	265	1,000	12
*MONTELLI GRANITE CO	MONTELLI	MONTELLI LAKE	379	510	14
OXFORD LT AND PWR CO	FAIRWATER	NEENAH	75	200	-
WESTFIELD MILL EL LT CO	WESTFIELD	DUCK CR	125	-	-
OCONTO ELECTRIC COOP	STILES	OCONTO	1,000	4,000	20
*FALLS PAPER AND POWER CO	OCONTO FALLS	OCONTO	1,010	2,000	39
WISCONSIN MICHIGAN PWR CO	OCONTO FALLS	OCONTO	1,440	5,900	28
WISCONSIN PUB SERV CORP	PESHTIGO	PESHTIGO	584	3,200	14
WISCONSIN PUB SERV CORP	POTATO PAIPDS	PESHTIGO	1,380	4,800	17
WISCONSIN PUB SERV CORP	SANDSTONE	PESHTIGO	3,840	14,500	40
WISCONSIN PUB SERV CORP	JOHNSON FALLS	PESHTIGO	3,520	13,740	37
WISCONSIN PUB SERV CORP	HIGH FALLS	PESHTIGO	7,000	17,800	80
WISCONSIN PUB SERV CORP	CALDRON FALLS	PESHTIGO	6,400	19,600	77
*MARINETTE PAPER CO	MARINETTE	MENOMINEE	600	5,700	15
*KIMBERLY CLARK CORP	NIAGARA WIS	MENOMINEE	5,335	35,000	67
WISCONSIN MICHIGAN PWR CO	PINE RIVER	PINE	3,200	19,300	94
LAKE SUPERIOR DIST PWR CO	WHITE RIVER	WHITE	1,000	4,900	50
LAKE SUPERIOR DIST PWR CO	MELLEN NO 1	BAD	450	1,400	80
NORTHERN WISCONSIN PWR CO	ORIENTA FALLS	IRON	800	1,300	-
IRON RIVER WTR LT TEL CO	IRON RIVER	IRON	96	100	-
DAHLBERG LIGHT AND PWR CO	GORDON	EAU CLAIRE	257	1,000	-
ARGYLE VILLAGE OF	ARGYLE	E BR PECATONICA	60	-	-
BRODHEAD WTR AND LT COMM	BRODHEAD	SUGAR	262	1,000	9
*INDIANA CONDENSED MILK CO	ALBANY	SUGAR	75	120	-
WISCONSIN POWER AND LT CO	FULTON	YAHARA	300	1,000	14
STOUGHTON ELEC UTILITIES	STEBBINSVILLE	YAHARA	300	1,000	15
STOUGHTON ELEC UTILITIES	DUNKIRK	YAHARA	256	900	11
STOUGHTON ELEC UTILITIES	CITY	YAHARA	150	500	9
WISCONSIN POWER AND LT CO	BLACKHAWK	ROCK	380	2,800	9
WISCONSIN POWER AND LT CO	MONTEREY	ROCK	320	1,800	9
WISCONSIN POWER AND LT CO	JANESVILLE	ROCK	500	2,200	9
WISCONSIN POWER AND LT CO	INDIAN FORD	ROCK	400	1,200	6
WISCONSIN ELEC PWR CO	WATERTOWN	ROCK	240	400	12

SEE FOOTNOTES AT END OF TABLE

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
WISCONSIN CONT'D					
HUSTISFORD VILLAGE OF	HUSTISFORD	ROCK	100	300	-
INTERSTATE PWR CO OF WIS	GAYS MILLS	KICKAPOO	264	600	8
LA FARGE MUNICIPAL EL CO	LA FARGE	KICKAPOO	138	500	-
MUSCODA LT AND WTR COMM	MUSCODA	MILL CR	60	300	-
WISCONSIN POWER AND LT CO	PRAIRIE DU SAC	WISCONSIN	28,500	106,900	37
WISCONSIN POWER AND LT CO	BARABOO	BARABOO	200	500	12
*ISLAND WOOLEN CO	BARABOO	BARABOO	412	1,500	18
*APPLETON WOOLEN MILLS	REEDSBURG	BARABOO	150	460	8
LAVALLE ELEC LT CO	LAVALLE	BARABOO	50	100	11
WISCONSIN POWER AND LT CO	WYOCENA	DUCK CR	50	100	9
WISCONSIN POWER AND LT CO	KILBOURN	WISCONSIN	8,200	42,506	22
WISCONSIN POWER AND LT CO	LEMONWEIR	LEMONWEIR	176	300	7
WISCONSIN POWER AND LT CO	MAUSTON	LEMONWEIR	360	600	8
WISCONSIN RIVER POWER CO	CASTLE ROCK	WISCONSIN	15,000	75,000	30
WISCONSIN POWER AND LT CO	NECEDAH	YELLOW	260	400	12
WISCONSIN POWER AND LT CO	FRIENDSHIP	ROCHE A CRI CR	60	200	16
WISCONSIN POWER AND LT CO	ROCHE A CRI	ROCHE A CRI CR	160	700	16
WISCONSIN RIVER POWER CO	PETENWELL	WISCONSIN	20,000	102,000	42
*NEKOOSA EDWARDS PAPER CO	NEKOOSA	WISCONSIN	3,600	23,500	22
*NEKOOSA EDWARDS PAPER CO	PORT EDWARDS	WISCONSIN	2,920	17,500	17
*NEKOOSA EDWARDS PAPER CO	CENTRALIA	WISCONSIN	3,200	18,500	15
CONSOLIDATED WATER PWR CO	WISCONSIN RPDS 1	WISCONSIN	4,160	25,000	33
CONSOLIDATED WATER PWR CO	BIRON NO 2	WISCONSIN	3,300	20,000	24
WHITING PLOVER PAPER CO	STEVENS POINT	WISCONSIN	625	890	8
WISCONSIN PUB SERV CORP	JORDAN	PLOVER	300	900	26
*CONSOL WTR PWR PAPER CO	STEVENS POINT	WISCONSIN	960	6,300	21
CONSOLIDATED WATER PWR CO	STEVENS POINT	WISCONSIN	3,840	25,000	18
CONSOLIDATED WATER PWR CO	DU BAY	WISCONSIN	7,200	40,000	25
*MOSINEE PAPER MILLS CO	MOSINEE	WISCONSIN	3,400	23,000	22
*MARATHON CORP	RHINESCHILD	WISCONSIN	4,225	19,300	21
WISCONSIN PUB SERV CORP	WAUSAU WEST	WISCONSIN	5,400	33,637	28
*WARD PAPER COMPANY	MERRILL	WISCONSIN	135	310	17
WISCONSIN PUB SERV CORP	MERRILL	WISCONSIN	840	6,100	14
WISCONSIN PUB SERV CORP	ALEXANDER	WISCONSIN	4,200	25,343	23
WISCONSIN PUB SERV CORP	GRANDFATHER	WISCONSIN	17,240	110,000	95
*NATIONAL CONT CO	TOMAHAWK	WISCONSIN	3,000	15,400	19
WISCONSIN PUB SERV CORP	TOMAHAWK	WISCONSIN	2,600	13,850	15
WISCONSIN PUB SERV CORP	JERSEY	TOMAHAWK	512	2,600	15
WISCONSIN PUB SERV CORP	HAT RAPIDS	WISCONSIN	1,760	6,500	21
*RHINELANDER PAPER CO	RHINELANDER	WISCONSIN	2,120	10,300	32
WISCONSIN PUB SERV CORP	OTTER RAPIDS	WISCONSIN	700	2,100	13
NORTHERN STS PWR CO WIS	STEENSON NO 2	LA CROSSE	125	700	8
NORTHERN STS PWR CO WIS	NESHONOC NO 1	LA CROSSE	200	1,500	11
NORTHERN STS PWR CO WIS	SPARTA	LA CROSSE	90	300	7
BLACK RIVER FALLS CITY OF	BLACK RIVER FALLS	BLACK	920	2,200	18
MISS VALLEY PUB SERV CO	HATFIELD	BLACK	4,800	16,500	99
MERRILLAN LT AND WTR DEPT	MERRILLAN	HALL CR	75	200	-
WISCONSIN HYDRO ELEC CO	EAU GALLE	EAU GALLE	360	1,000	28
NORTHERN STS PWR CO WIS	MEMONOMIE	RED CEDAR	1,200	8,500	21
NORTHERN STS PWR CO WIS	CEDAR FALLS	RED CEDAR	6,000	26,570	51
WISCONSIN HYDRO ELEC CO	COLFAX	RED CEDAR	1,200	6,000	22
BARRON LT AND WTR COMM	BARRON	YELLOW	207	600	12
WISCONSIN HYDRO ELEC CO	CHETEK	RED CEDAR	250	500	8
NORTHERN STS PWR CO WIS	RICE LAKE	RED CEDAR	320	1,300	12
EAU CLAIRE DELLS IMPR CO	EAU CLAIRE	CHIPPEWA	8,900	43,004	26
NORTHERN STS PWR CO WIS	DELLS	CHIPPEWA	600	2,000	18
NORTHERN STS PWR CO WIS	CHIPPEWA FALLS	CHIPPEWA	21,600	65,000	29
TILDEN EL LT CO	CHIPPEWA FALLS	DUNCAN CR	75	300	-
NORTHERN STS PWR CO WIS	WISSOTA	CHIPPEWA	31,680	126,000	54
NORTHERN STS PWR CG WIS	JIM FALLS	CHIPPEWA	14,400	79,731	54
*CORNELL WOOD PRODUCTS CO	CORNELL	CHIPPEWA	2,160	17,200	37
NORTHERN STS PWR CO WIS	HOLCOMBE	CHIPPEWA	33,750	102,000	44

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>WISCONSIN CONT'D</u>					
DAIRYLAND PWR COOP	THORNAPPLE	FLAMBEAU	1,400	7,600	15
DAIRYLAND PWR COOP	PORT ARTHUR	FLAMBEAU	520	2,600	18
DAIRYLAND PWR COOP	LADYSMITH	FLAMBEAU	1,800	10,500	16
DAIRYLAND PWR COOP	FLAMBEAU	FLAMBEAU	15,000	48,000	65
LAKE SUPERIOR DIST PWR CO	BIG FALLS	FLAMBEAU	7,780	35,000	52
*FLAMBEAU PAPER CO	PARK FALLS	FLAMBEAU	3,900	19,000	56
GRIMM POWER CO	RADISSON	OREILLES	525	900	-
RIVER FALLS MUN UTILS	POWELL FALLS	KINNICKINNIC	125	400	18
RIVER FALLS MUN UTILS	JUNCTION	KINNICKINNIC	250	600	48
NORTHERN STS PWR CO WIS	ST CROIX	WILLOW	300	400	14
NORTHERN STS PWR CO WIS	LITTLE FALLS	WILLOW	300	700	27
NORTHERN STS PWR CO WIS	WILLOW FALLS	WILLOW	600	2,000	107
NORTHERN STS PWR CO WIS	MOUND	WILLOW	180	800	50
NORTHERN STS PWR CO WIS	APPLE RIVER	APPLE	3,000	10,907	83
INTERSTATE LT AND PWR CO	SOMERSET	APPLE	475	2,100	18
INTERSTATE LT AND PWR CO	RIVERDALE	APPLE	500	3,300	23
WISCONSIN HYDRO ELEC CO	MCCLURE	APPLE	160	1,200	13
WISCONSIN HYDRO ELEC CO	HUNTINGDOON	APPLE	640	2,900	27
NORTHWESTERN WIS ELEC CO	BALSAM LAKE	BALSAM LAKE	68	200	33
WISCONSIN HYDRO ELEC CO	LITTLE FALLS	APPLE	92	400	13
WISCONSIN HYDRO ELEC CO	BLACK BROOK	APPLE	540	1,700	23
NORTHERN STS PWR CO WIS	ST CROIX FALLS	ST CROIX	21,400	98,367	59
CLAM RIVER DAM CO	CLAM RIVER	CLAM	800	4,000	21
NORTHWESTERN WIS ELEC CO	CLAM FALLS	CLAM	150	500	29
NORTHWESTERN WIS ELEC CO	DANBURY	YELLOW	1,076	3,000	29
SPOONER BOARD OF PUB WKS	SPOONER	YELLOW	110	200	-
WISCONSIN HYDRO ELEC CO	TREGO	NAMAKAGON	1,200	7,000	30
LAKE SUPERIOR DIST PWR CO	HAYWARD	NAMAKAGON	168	1,300	16
			413,944	1,883,645	
<u>EAST NORTH CENTRAL TOTAL</u>			922,166	3,963,818	
<u>WEST NORTH CENTRAL</u>					
<u>MINNESOTA</u>					
OTTER TAIL POWER CO	CROOKSTON NO 1	RED LAKE	176	900	12
NORTHERN STATES P CO, MINN	RED LAKE FALLS	RED LAKE	600	4,100	15
THIEF RIV FALLS W L DEPT	THIEF RIVER FALLS	RED LAKE	550	3,000	10
OTTER TAIL POWER CO	DAYTON HOLLOW	OTTER TAIL	1,290	6,000	37
OTTER TAIL POWER CO	PISGAH	OTTER TAIL	520	3,600	30
OTTER TAIL POWER CO	WRIGHT	OTTER TAIL	400	2,800	24
OTTER TAIL POWER CO	HOOT LAKE	OTTER TAIL	2,160	5,600	70
OTTER TAIL POWER CO	TAPLIN GORGE	OTTER TAIL	560	3,400	40
BORDER COUNTIES PWR COOP	BIG FALLS	BIG FORK	600	300	-
*MINNESOTA ONTARIO PAPER CO	INTERNATIONAL FALLS	RAINY	5,600	25,000	36
MINNESOTA POWER AND LT CO	WINTON	KAWISHIWI	4,000	19,015	67
MINNESOTA POWER AND LT CO	FOND DU LAC	ST LOUIS	12,000	67,000	78
MINNESOTA POWER AND LT CO	THOMSON	ST LOUIS	67,350	335,000	374
MINNESOTA POWER AND LT CO	SCANLON	ST LOUIS	1,600	9,500	15
*NORTHWEST PAPER CO	CLOQUET	ST LOUIS	5,510	15,400	40
MINNESOTA POWER AND LT CO	KNIFE FALLS	ST LOUIS	2,400	12,000	18
*HORMEL GEO A CO	AUSTIN	CEDAR	157	50	14
LANESBORO PUB UTIL COMM	LANESBORO	ROOT	477	900	30
DAIRYLAND PWR COOP	BRIGHTDALE	ROOT	500	1,600	32
ROCHESTER CITY OF	ROCHESTER	ZUMBRO	1,840	6,000	57
NORTHERN STS PWR CO MINN	CANNON FALLS	CANNON	1,900	9,200	58
FRANCIS H MURRAY	KOST	SUNRISE	80	-	12
MINNESOTA POWER AND LT CO	SANDSTONE	KETTLE	475	2,000	15
NORTHERN STS PWR CO MINN	RAPIDAN	BLUE EARTH	1,500	8,600	62
REDWOOD FALLS PUB UT COMM	REDWOOD FALLS	REDWOOD	500	400	85
NORTHERN STS PWR CO MINN	MINNESOTA FALLS	MINNESOTA	780	3,100	19
GRANITE FALLS CITY OF	GRANITE FALLS	MINNESOTA	540	2,500	14

SEE FOOTNOTES AT END OF TABLE

**TABLE N. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MINNESOTA CONT'D</u>					
*FORD MOTOR CO	TWIN CITY	MISSISSIPPI	14,400	86,520	36
NORTHERN STS PWR CO MINN	LOWER DAM	MISSISSIPPI	8,000	34,900	19
*GENERAL MILLS INC	MINNEAPOLIS	MISSISSIPPI	1,536	10,000	49
*TWIN CITY RAPID TRANS CO	HENNEPIN ISLAND	MISSISSIPPI	9,000	26,400	49
NORTHERN STS PWR CO MINN	CONSOLIDATED	MISSISSIPPI	2,730	20,553	49
NORTHERN STS PWR CO MINN	MAIN STREET	MISSISSIPPI	960	9,400	45
NORTHERN STS PWR CO MINN	COON RAPIDS	MISSISSIPPI	6,500	39,000	18
ELK RIVER MUNICIPAL UTIL	ELK RIVER	ELK	344	1,000	15
NORTHERN STS PWR CO MINN	ST CLOUD NO 2	MISSISSIPPI	1,000	9,400	18
NORTHERN STS PWR CO MINN	ST CLOUD NO 1	MISSISSIPPI	1,200	14,200	18
*COLD SPRING GRANITE CO	FINISHING	SAUK	150	120	9
*ST REGIS PAPER CO	SARTELL	MISSISSIPPI	2,340	7,400	21
MINNESOTA POWER AND LT CO	BLANCHARD	MISSISSIPPI	12,000	60,000	45
MINNESOTA POWER AND LT CO	LITTLE FALLS	MISSISSIPPI	3,520	21,231	24
MINNESOTA POWER AND LT CO	SYLVAN	CROW WING	1,800	9,800	22
MINNESOTA POWER AND LT CO	PILLAGER	CROW WING	1,520	9,300	22
MINNESOTA POWER AND LT CO	PARK RAPIDS	FISH HOOK	150	-	15
*NORTHWEST PAPER CO	BRAINERD	MISSISSIPPI	1,720	11,200	22
MINNESOTA POWER AND LT CO	PINE RIVER	NORWAY BR	125	-	9
BLANDIN PAPER CO	GRAND RAPIDS	PRAIRIE	1,084	3,400	35
*BLANDIN PAPER CO	GRAND RAPIDS	MISSISSIPPI	2,200	1,500	20
OTTER TAIL POWER CO	BEMIDJI	MISSISSIPPI	640	2,200	22
			186,984	936,795	
<u>IOWA</u>					
OTTUMWA CITY OF	OTTUMWA	DES MOINES	3,000	14,000	13
IOWA PWR AND LT CO	ADEL	RACCOON	400	400	12
FORT DODGE CITY OF	HYDRO	DES MOINES	800	3,500	17
IOWA PUBLIC SERVICE CO	HUMBOLDT	DES MOINES	525	1,500	18
IOWA PUBLIC SERVICE CO	RUTLAND	DES MOINES	800	2,000	15
UNION ELECTRIC POWER CO	#KEOKUK	MISSISSIPPI	122,800	765,000	36
IOWA ELECTRIC CO	OAKLAND MILLS	SKUNK	760	700	9
IOWA ELEC LT AND PWR CO	CEDAR RAPIDS	CEDAR	1,200	3,400	10
CEDAR FALLS CITY OF	CEDAR FALLS	CEDAR	1,200	5,200	11
INTERSTATE POWER CO	GREENE	SHELLROCK	320	900	11
WAVERLY CITY OF	WAVERLY	CEDAR	495	1,700	13
IOWA PUBLIC SERVICE CO	NASHUA	CEDAR	576	2,100	17
IOWA PUBLIC SERVICE CO	CHARLES CITY	CEDAR	150	500	16
INTERSTATE POWER CO	MITCHELL	CEDAR	1,000	1,400	19
IOWA ILL GAS AND ELEC CO	CORALVILLE	IOWA	400	1,200	11
IOWA ELEC LT AND PWR CO	IOWA FALLS	IOWA	760	1,700	25
IOWA ELECTRIC CO	OXFORD MILLS	WAPSIPINICON	260	300	7
IOWA ELECTRIC CO	ANAMOSA	WAPSIPINICON	200	800	9
IOWA ELEC LT AND PWR CO	CENTRAL CITY	WAPSIPINICON	60	300	10
INTERSTATE POWER CO	INDEPENDENCE	WAPSIPINICON	600	1,200	11
IOWA ELECTRIC CO	MAQUOKETA	MAQUOKETA	1,200	5,000	25
IOWA ELECTRIC CO	MONTICELLO	MIDDLE RACCOON	179	300	10
INTERSTATE POWER CO	DELHI	MAQUOKETA	1,500	3,500	40
IOWA ELECTRIC CO	QUAKER MILLS	MAQUOKETA	264	200	16
IOWA ELECTRIC CO	HOAG MILLS	MAQUOKETA	250	400	13
INTERSTATE POWER CO	ELKADER	TURKEY	422	800	17
INTERSTATE POWER CO	CLERMONT	TURKEY	520	600	17
INTERSTATE POWER CO	DECORAH NO 2	UPPER IOWA	680	2,000	30
INTERSTATE POWER CO	DECORAH NO 1	UPPER IOWA	400	1,000	22
			141,721	821,600	
<u>MISSOURI</u>					
THE EMPIRE DIST ELEC CO	GRAND FALLS	SHOAL CR	1,000	2,000	23
EMPIRE DISTRICT ELEC CO	OSARK BEACH	WHITE	16,000	59,600	48
SEGELHORST BROTHERS	BOURBEUSE	BOURBEUSE	48	-	-
UNION ELECTRIC CO OF MO	#OSAGE	OSAGE	133,200	375,000	96
SHO ME POWER COOP INC	NIANGUA	NIANGUA	3,000	12,599	41

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MISSOURI CONT'D</u>					
WEST MISSOURI POWER CO EMPIRE DISTRICT ELEC CO	OSCEOLA CAPLINGER	OSAGE SAC	1,600	7,000	14
			425	500	10
			155,273	456,699	
<u>NORTH DAKOTA</u>					
			0	0	
<u>SOUTH DAKOTA</u>					
NORTHERN STS PWR CO MINN DON JONES BLACK HILLS PWR AND LT CO BLACK HILLS PWR AND LT CO *HOMESTEAK MINING CO	SIOUX FALLS	BIG SIOUX	1,500	7,000	73
	WHITE RIVER	S FK WHITE	250	600	17
	REDWATER NO 2	REDWATER	346	2,400	50
	REDWATER NO 1	REDWATER	1,000	4,300	100
	NO 1	SPEARFISH CR	4,000	18,673	667
*HOMESTEAK MINING CO *HOMESTEAK MINING CO BUREAU OF RECLAMATION CENTRAL ELEC AND GAS CO	NO 2	SPEARFISH CR	4,000	12,764	545
	ENGLEWOOD	ENGLEWOOD CR	400	1,000	486
	ANGOSTURA	S FK CHEYENNE	1,200	6,000	113
	FALL RIVER	FALL	325	1,500	105
			13,021	54,237	
<u>NEBRASKA</u>					
FAIRBURY CITY OF CONSUMERS PUB POWER DIST NORRIS RURAL PUB PWR DIST CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST	FAIRBURY	LITTLE BLUE	240	300	12
	HEBRON	LITTLE BLUE	120	400	12
	BARNESTON	BIG BLUE	720	2,500	-
	BLUE SPRINGS NO 2	BIG BLUE	418	1,200	12
	HOLMESVILLE	BIG BLUE	280	900	14
CONSUMERS PUB POWER DIST *CRETE MILLS CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST	BEATRICE NO 3	BIG BLUE	175	400	10
	CRETE	BIG BLUE	314	1,200	-
	SEWARD NO 3	W FK BLUE	288	800	20
	SEWARD NO 6	W FK BLUE	150	500	14
	SEWARD NO 2	W FK BLUE	125	500	16
CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST IMPERIAL CITY OF PERU VILLAGE OF *NORFOLK CEREAL FLOUR MILL	SEWARD NO 1	BIG BLUE	280	500	15
	SEWARD NO 5	BIG BLUE	240	300	16
	IMPERIAL	FRENCHMAN CR	120	500	17
	PERU	BUCK CR	100	-	-
	NORFOLK	ELKHORN	150	360	13
NEBRASKA PUB PWR SYSTEM NEBRASKA PUB PWR SYSTEM CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST CEDAR VALLEY ROLLER MILL	COLUMBUS	LOUP CANAL	39,900	116,000	116
	MONROE	LOUP CANAL	7,848	50,000	35
	ST EDWARD NO 2	BEAVER CR	96	200	11
	FULLERTON	CEDAR	394	1,200	15
	SPALDING	CEDAR	250	500	16
CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST CALLAWAY ELECTRIC CO NEBRASKA PUB PWR SYSTEM NEBRASKA PUB PWR SYSTEM	ERICSON	CEDAR	350	700	19
	BOELUS	MIDDLE LOUP	2,000	4,500	32
	CALLAWAY	SOUTH LOUP	55	200	14
	KEARNEY	PLATTE	1,500	2,900	54
	GOTHENBURG	PLATTE	400	1,700	45
NEBRASKA PUB PWR SYSTEM NEBRASKA PUB PWR SYSTEM NEBRASKA PUB PWR SYSTEM NEBRASKA PUB PWR SYSTEM CONSUMERS PUB PWR DIST	JOHNSON NO 2	PLATTE CANAL	18,000	100,000	146
	JOHNSON NO 1	PLATTE CANAL	18,000	100,000	118
	JEFFREY CANYON	PLATTE CANAL	18,000	104,000	117
	NORTH PLATTE	NORTH PLATTE CANAL	26,100	100,000	218
	SPENCER	NIORARA	2,640	10,200	20
CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST CONSUMERS PUB POWER DIST	LONG PINE	LONG PINE CR	150	400	23
	AINSWORTH	PLUM CR	350	1,000	31
	FORT NIORARA	NIORARA	980	1,700	13
	MINNENICHADUZA	MINNENICHADUZA CR	200	400	29
			140,933	605,960	
<u>KANSAS</u>					
THE EMPIRE DIST ELEC CO KANSAS GAS AND EL CO BOWERSOCK MLS AND PWR CO THE KANSAS PWR AND LT CO KANSAS PWR AND LT CO	LOWELL	SPRING	3,000	8,500	24
	NEOSHO FALLS	NEOSHO	275	300	12
	LAWRENCE	KANSAS	1,850	9,300	13
	ROCKY FORD	BIG BLUE	460	1,300	17
	MARYSVILLE	BIG BLUE	600	400	14
			6,185	19,800	
<u>WEST NORTH CENTRAL TOTAL</u>			644,117	2,895,091	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SOUTH ATLANTIC</u>					
<u>DELAWARE</u>					
*BANCROFT JOS AND SONS CO	WILMINGTON	BRANDYWINE CR	600	140	20
			600	140	
<u>MARYLAND</u>					
SUSQUEHANNA ELECTRIC CO	CONOWINGO	SUSQUEHANNA	252,000	1,236,400	88
*DICKEY W J AND SONS INC	OELLA	PATAPSCO	600	3,600	43
*DANIELS C R INC	DANIELS	PATAPSCO	172	670	-
POTOMAC EDISON CO	ANTIETAM	ANTIETAM CR	125	700	14
PENNSYLVANIA ELECTRIC CO	DEEP CREEK	YOUGHIOGHENY	19,200	31,000	437
			272,097	1,272,370	
<u>DISTRICT OF COLUMBIA</u>					
CORPS OF ENGINEERS	DALECARLIA	POTOMAC R CANAL	3,000	5,000	140
			3,000	5,000	
<u>VIRGINIA</u>					
VIRGINIA EL AND PWR CO	BLANDS FORD	BROAD RUN	450	700	30
POTOMAC EDISON CO	WARREN	SHENANDOAH	750	4,200	8
VIRGINIA EL AND PWR CO	WOODSTOCK NO 1	N FK SHENANDOAH	294	600	16
VIRGINIA EL AND PWR CO	WOODSTOCK NO 2	N FK SHENANDOAH	252	400	16
VIRGINIA EL AND PWR CO	EDINBURG	N FK SHENANDOAH	144	800	14
POTOMAC EDISON CO	LURAY	N FK SHENANDOAH	1,600	9,000	14
POTOMAC EDISON CO	NEWPORT	N FK SHENANDOAH	1,400	9,000	24
POTOMAC EDISON CO	SHENANDOAH	N FK SHENANDOAH	862	4,800	10
HARRISONBURG MUN EL PLT	HARRISONBURG	N FK SHENANDOAH	780	5,600	20
VIRGINIA EL AND PWR CO	EMBREY	RAPPAHANNOCK	3,150	21,000	51
POTOMAC EDISON CO	MADISON	ROBINSON RUN	120	300	18
*ALLIED CHEM DYE CO	HOPEWELL	APPOMATTOX	7,500	27,500	-
VIRGINIA EL AND PWR CO	HARVELL	APPOMATTOX	500	2,500	11
VIRGINIA EL AND PWR CO	LOCKS	APPOMATTOX	4,565	20,000	73
VIRGINIA EL AND PWR CO	MANCHESTER	JAMES	1,000	2,200	17
VIRGINIA EL AND PWR CO	TWELFTH ST	JAMES	10,550	35,000	22
*TREDEGAR CO	RICHMOND	JAMES	225	400	51
VIRGINIA EL AND PWR CO	PARK	JAMES	2,100	12,800	48
*ALBEMARLE PAPER MFG CO	HOLLYWOOD	JAMES	280	1,100	25
RICHMOND DEPT OF PUB UTIL	HOLLYWOOD	JAMES	2,024	14,400	25
VIRGINIA EL AND PWR CO	BELLE ISLE	JAMES	3,000	17,000	21
RICHMOND DEPT OF PUB UTIL	BYRD PARK	JAMES	1,125	9,600	19
*ALBERENE STONE CORP OF VA	SCHUYLER	ROCKFISH	754	2,500	32
APPALACHIAN ELEC PWR CO	REUSENS	JAMES	12,500	42,000	35
*GLAMORGAN PIPE AND FDRY	LYNCHBURG	JAMES	150	220	18
*ELECTRO METALLURGICAL CO	HOLCOMB ROCK	JAMES	1,689	10,300	17
*UNION CARBIDE CORP	BIG ISLAND	JAMES	480	2,400	12
BEDFORD TOWN OF	SNOWDEN	JAMES	970	7,000	18
VIRGINIA EL AND PWR CO	CUSHAW	JAMES	7,500	30,000	26
VIRGINIA EL AND PWR CO	BALCONY FALLS	JAMES	1,920	11,600	15
CRAIG BOTETOURT COOP	NEW CASTLE	MEADOW CR	300	1,600	606
BARC ELEC COOP	FALLING SPRINGS	FALLING SPRINGS CR	420	2,900	515
VIRGINIA EL AND PWR CO	EMPORIA	MEHERRIN	2,160	9,500	41
CORPS OF ENGINEERS	JOHN KERR	ROANOKE	44,000	352,000	97
VIRGINIA EL PWR CO	HALIFAX	BANNISTER	1,000	5,900	30
*DAN RIVER MILLS INC	RIVERSIDE	DAN	3,550	10,000	21
*DAN RIVER MILLS INC	SCHOOLFIELD	DAN	5,500	15,000	28
MARTINSVILLE CITY OF	MARTINSVILLE	SMITHS	1,300	5,000	32
APPALACHIAN ELEC PWR CO	STUART	MAYO	184	600	41
DANVILLE WT G AND EL DEPT	PINNACLES	DAN	10,125	30,000	701
APPALACHIAN ELEC PWR CO	ROCKY MOUNT	PIGG	150	900	25
APPALACHIAN ELEC PWR CO	NIAGARA	ROANOKE	2,760	10,000	61

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>VIRGINIA CONT'D</u>					
APPALACHIAN ELEC PWR CO	HOLSTON	M FK HOLSTON	550	2,300	34
APPALACHIAN ELEC PWR CO	DANASCUS	LAUREL FORK	168	800	20
RADFORD CITY OF	RADFORD	LITTLE	800	4,000	40
APPALACHIAN ELEC PWR CO	CLAYTOR	NEW	75,000	190,000	116
APPALACHIAN ELEC PWR CO	BUCK	NEW	8,505	32,000	44
APPALACHIAN ELEC PWR CO	BYLLESBY NO 2	NEW	21,600	48,000	58
*WASHINGTON MILLS CO	FRIES	NEW	3,050	16,000	40
*FIELDS MFG CO	MOUTH OF WILSON	WILSON CR	250	600	-
			250,006	1,042,020	
<u>WEST VIRGINIA</u>					
POTOMAC EDISON CO	MILLVILLE	SHENANDOAH	2,840	18,000	26
POTOMAC EDISON CO	HARPERS FERRY	POTOMAC	840	6,100	26
POTOMAC EDISON CO	DAM NO 4	POTOMAC	1,000	7,500	19
POTOMAC EDISON CO	DAM NO 5	POTOMAC	1,120	7,600	17
POTOMAC EDISON CO	CACAPON	CACAPON	1,120	3,100	24
ROYAL GLENN PWR CO	ROYAL GLENN	S BR POTOMAC	400	1,000	9
KANAWHA VALLEY POWER CO	WINFIELD	KANAWHA	14,760	100,000	27
KANAWHA VALLEY POWER CO	MARMET	KANAWHA	14,400	80,000	24
KANAWHA VALLEY POWER CO	LONDON	KANAWHA	14,400	80,000	24
*UNION CARBIDE CARBON CORP	GLEN FERRIS	KANAWHA	4,680	37,500	36
*UNION CARBIDE CARBON CORP	ALLOY	NEW	102,000	567,000	164
WEST VA PWR AND TRANS CO	LAKE LYNN	CHEAT	50,000	133,000	82
			207,560	1,040,800	
<u>NORTH CAROLINA</u>					
VIRGINIA EL AND PWR CO	ROANOKE RAPIDS	ROANOKE	6,020	38,000	29
*SPRAY COTTON M.LLS	SPRAY	SMITHS	1,000	2,600	38
*WASHINGTON MILLS CO	MAYODAN	MAYO	1,320	6,000	17
DUKE POWER CO	WALNUT COVE	DAN	544	1,600	18
*ROCKY MOUNT MILLS	ROCKY MOUNT	TAR	1,600	4,500	24
WILSON UTILITIES	WILSON	CONTENTNEA CR	335	800	13
DURHAM CITY OF	DURHAM	FLAT	1,500	6,600	80
*BROWDER MILLS INC	HOPE MILLS	ROCKFISH CR	450	1,900	24
*ROCKFISH MILLS INC	HOPE MILLS	ROCKFISH CR	400	2,800	24
RAEFORD POWER AND MFG CO	RAEFORD	ROCKFISH CR	400	600	-
CAROLINA POWER AND LT CO	BUCKHORN	CAPE FEAR	2,900	10,000	23
ROCKY RIVER PWR AND LT CO	SANFORD	ROCKY	168	400	-
CAROLINA POWER AND LT CO	LOCKVILLE	DEEP	1,000	4,100	22
CAROLINA POWER AND LT CO	CARBONTON	DEEP	1,000	2,200	15
*RANDOLPH MILLS INC	FRANKLINVILLE	DEEP	300	600	30
*JORDAN SPINNING CO	CEDAR FALLS	DEEP	350	1,200	35
*ODELL J M MFG CO	BYNUM	HAW	600	1,600	15
*SELLERS MFG CO	SAXAPAHAW	HAW	1,500	3,000	12
*VIRGINIA MILLS INC	SWEPSONVILLE	HAW	900	3,500	15
*MORGAN COTTON MILLS INC	LAUREL HILL	LITTLE PEE DEE	200	10	-
CAROLINA POWER AND LT CO	BLEWETT	PEE DEE	24,600	134,000	50
CAROLINA POWER AND LT CO	EURY	LITTLE CR	600	2,500	48
CAROLINA POWER AND LT CO	TILLERY	YADKIN	62,000	188,000	72
*CAROLINA ALUMINUM CO	YADKIN FALLS	YADKIN	20,300	142,000	54
*CAROLINA ALUMINUM CO	YADKIN NARROWS	YADKIN	81,200	457,000	176
*CAROLINA ALUMINUM CO	HIGH ROCK	YADKIN	33,000	129,000	59
*ERWIN COTTON MILLS CO	COOLEEMEE	SOUTH YADKIN	1,500	1,800	24
DUKE POWER CO	IDOLS	YADKIN	1,411	6,200	10
DUKE POWER CO	PILOT MOUNTAIN	ARARAT	500	1,900	18
DUKE POWER CO	MOUNT AIRY NO 2	ARARAT	448	1,500	18
DUKE POWER CO	MOUNT AIRY NO 1	ARARAT	160	300	18
DUKE POWER CO	CARTERS FALLS	ELKIN	180	800	77
*STOWE MILLS INC	MCADENVILLE	SOUTH FORK	800	3,200	-
DUKE POWER CO	SPENCER MOUNTAIN	SOUTH FORK	640	4,600	24
*HARDEN MFG CO	DALLAS	SOUTH FORK	200	660	-

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NORTH CAROLINA CONT'D					
*JACKSON MILLS	HIGH SHOALS NO 3	SOUTH FORK	1,700	5,400	25
*D E RHYNE MILLS INC	LINCOLN PLANT	SOUTH FORK	250	1,200	-
*LONG SHOALS COTTON MILLS	LINCOLNTON	SOUTH FORK	500	1,300	-
*JUILLIARD A D AND CO INC	BROOKFORD	HENRY FORK	350	230	27
*HENRY RIVER MILLS CO	HENRY RIVER	HENRY FORK	125	500	35
DUKE POWER CO	MOUNTAIN ISLAND	CATAWBA	60,000	104,000	76
DUKE POWER CO	#LOOKOUT	CATAWBA	19,370	84,000	77
DUKE POWER CO	OXFORD	CATAWBA	36,000	91,000	90
DUKE POWER CO	LITTLE RIVER	LITTLE	500	500	50
DUKE POWER CO	GUNPOWDER NO 2	GUNPOWDER CR	100	200	25
DUKE POWER CO	GUNPOWDER NO 1	GUNPOWDER CR	400	1,200	75
DUKE POWER CO	RHODHISS	CATAWBA	25,500	53,000	59
DUKE POWER CO	BRIDGEWATER	CATAWBA	20,000	38,000	137
DUKE POWER CO	LAKE TAHOMA	BUCK CR	240	1,000	60
*LILY MILLS CO	SHELBY	FIRST BROAD	600	1,800	25
*CLEVELAND MILL AND PWR CO	LAWDALE	FIRST BROAD	888	2,600	-
*CLIFFSIDE MILLS	CLIFFSIDE	SECOND BROAD	1,625	2,900	30
DUKE POWER CO	TURNER	GREEN	5,500	14,000	85
DUKE POWER CO	TUXEDO	GREEN	5,000	21,000	296
CAROLINA MOUNTAIN PWR CO	LAKE LURE	BROAD	3,600	8,000	100
TENNESSEE VALLEY AUTH	HIWASSEE	HIWASSEE	57,600	250,000	253
NANTAHALA PWR AND LT CO	MISSION	HIWASSEE	1,800	12,000	40
CAROLINA ALUMINUM CO	SANTEETLAH	LITTLE TENNESSEE	45,000	215,000	663
CAROLINA ALUMINUM CO	CHEOAH	LITTLE TENNESSEE	102,000	517,000	189
TENNESSEE VALLEY AUTH	FONTANA	LITTLE TENNESSEE	135,000	850,000	432
NANTAHALA PWR AND LT CO	BRYSON CITY	OCONALUFTY	980	6,600	35
DILLSBORO SYLVA EL LT CO	DILLSBORO	TUCKASEGEE	225	1,400	12
NANTAHALA PWR AND LT CO	TUCKASEGEE	W FK TUCKASEGEE	3,000	12,000	123
NANTAHALA PWR AND LT CO	THORPE	W FK TUCKASEGEE	21,600	89,000	1,207
NANTAHALA PWR AND LT CO	CEDAR CLIFF	E FK TUCKASEGEE	6,275	19,000	172
NANTAHALA PWR AND LT CO	QUEENS CREEK	NANTAHALA	1,440	6,000	1,001
NANTAHALA PWR AND LT CO	NANTAHALA	NANTAHALA	43,200	230,000	1,006
NANTAHALA PWR AND LT CO	FRANKLIN	LITTLE TENNESSEE	1,040	7,600	26
HIGHLANDS TOWN OF	HIGHLANDS	CULLASAJA CR	250	1,200	-
FRENCH BROAD EL MEMB CORP	BURNSVILLE	CANE	474	1,700	42
CAROLINA POWER AND LT CO	WALTERS	BIG PIGEON	108,000	306,000	861
FRENCH BROAD EL MEMB CORP	MARSHALL	FRENCH BROAD	400	1,600	14
CAROLINA POWER AND LT CO	MARSHALL	FRENCH BROAD	3,000	18,000	33
CAROLINA POWER AND LT CO	WEAVER	FRENCH BROAD	2,500	9,000	23
CASCADE POWER CO	BREVARD	LITTLE	950	4,300	-
BLUE RIDGE EL MEMB CORP	SHARPE FALLS	NEW	175	1,000	16
NEW RIVER LT AND POWER CO	HYDRO	NEW	180	900	-
			967,363	4,156,600	
SOUTH CAROLINA					
*SONOCO PRODUCTS CO	HARTSVILLE	BLACK CR	318	800	-
SO CAROLINA PUB SERV AUTH	PINOPOLIS	SANTEE-COOPER	132,615	640,000	70
SO CAROLINA PUB SERV AUTH	SPILLWAY	SANTEE	1,920	14,000	47
DUKE POWER CO	WATEREE	WATEREE	56,000	190,000	77
DUKE POWER CO	#ROCKY CREEK	CATAWBA	24,400	6,000	58
DUKE POWER CO	CEDAR CREEK	CATAWBA	45,000	114,000	57
DUKE POWER CO	DEARBORN	CATAWBA	45,000	85,000	69
DUKE POWER CO	GREAT FALLS	CATAWBA	24,000	48,000	71
DUKE POWER CO	#FISHING CREEK	CATAWBA	30,800	105,000	58
*MANETTA MILLS	LANDO PLANT	FISHING CR	280	10	300
DUKE POWER CO	CATAWBA	CATAWBA	60,000	107,000	68
SO CAROLINA EL AND GAS CO	COLUMBIA	BROAD	8,000	50,500	32
SO CAROLINA EL AND GAS CO	PARR	BROAD	14,880	75,000	35
*RIVERDALE MILLS	ENOREE	ENOREE	1,300	4,900	42
DUKE POWER CO	VAN PATTON	ENOREE	600	3,200	55

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
SOUTH CAROLINA CONT'D					
*STARTEX MILL	PRINT CRASH	SOUTH TIGER	1,750	5,400	72
*VICTOR MONAGHAN CO	APALACHE	SOUTH TIGER	1,300	2,200	50
UNION MFG AND POWER CO	NEAL SHOALS	BROAD	5,200	30,000	25
LOCKHART POWER CO	LOCKHART	BROAD	12,300	60,000	52
*PACOLET MANUFACTURING CO	PACOLET S C	PACOLET	2,500	8,300	27
*CLIFTON MFG CO	CLIFTON	PACOLET	2,575	9,100	34
*WHITNEY MILLS INC	WHITNEY	LAWSON FORK	180	210	-
SPARTANBURG COMM PUB WKS	SPARTANBURG	S FK PACOLET	1,000	2,500	65
*FRANKLIN PROC SPINN MILL	FINGERVILLE	N FK PACOLET	125	650	-
DUKE POWER CO	99 ISLANDS	BROAD	18,000	56,000	68
DUKE POWER CO	GASTON SHOALS	BROAD	9,140	36,000	46
SO CAROLINA EL AND GAS CO	SALUDA	SALUDA	130,000	170,000	180
GREENWOOD COUNTY COMM	BUZZARDS ROOST	SALUDA	15,000	50,000	55
DUKE POWER CO	BOYDS MILL	REEDY	1,200	6,000	42
DUKE POWER CO	TUMBLING SHOALS	REEDY	300	500	16
*RIEDEL TEXTILE CO	WARE SHOALS	SALUDA	4,266	17,000	66
BELTON LIGHT AND POWER CO	HOLIDAYS BRIDGE	SALUDA	3,500	11,500	41
*PELZER MILLS	PELZER	SALUDA	5,300	20,700	39
*PIEDMONT MFG CO	PIEDMONT	SALUDA	1,900	6,700	24
DUKE POWER CO	SALUDA	SALUDA	2,600	8,000	41
*GRANITEVILLE CO	GRANITEVILLE	HORSE CR	450	1,200	42
*GRANITEVILLE CO	VAUCLUSE	HORSE CR	480	750	53
ABBEVILLE WTR EL PLT	ABBEVILLE	ROCKY	2,800	9,250	80
DUKE POWER CO	GREGG SHOALS	SAVANNAH	1,800	3,800	14
DUKE POWER CO	PORTMAN SHOALS	SENECA	5,590	23,000	46
*UTICA MOHAWK COTTON MILLS	SENECA DIVISION	CONERROSS CR	900	2,300	56
*ABNEY MILLS	COURTNEY MILL	KITTLE	1,200	2,400	25
*NORRIS COTTON MILLS CO	CATEECHEE	TWELVE MILE CR	900	4,200	-
R F LENHARDT ESTATE	LIBERTY	TWELVE MILE CR	300	-	-
			677,669	1,991,070	
GEORGIA					
*GRANITEVILLE CO	ENTERPRISE	SAVANNAH	1,200	6,200	30
GEORGIA POWER CO	AUGUSTA	SAVANNAH	900	5,600	30
*GRANITEVILLE CO	SIBLEY	SAVANNAH	2,100	11,000	30
SO CAROLINA EL AND GAS CO	STEVENS CREEK	SAVANNAH	18,880	90,000	29
ELBERTON CITY OF	ELBERTON	BEAVER DAM CR	192	700	-
GEORGIA POWER CO	YONAH	TUGALOO	22,500	50,800	70
GEORGIA POWER CO	TUGALOO	TUGALOO	45,000	108,200	144
GEORGIA POWER CO	TALLULAH FALLS	TALLULAH	72,000	170,600	603
GEORGIA POWER CO	TERRORA	TALLULAH	16,000	46,300	189
GEORGIA POWER CO	NACOOCHIE	TALLULAH	4,800	14,400	61
GEORGIA POWER CO	BURTON	TALLULAH	6,120	19,700	114
GEORGIA POWER CO	BARNETT SHOALS	OCONEE	2,800	14,900	50
GEORGIA POWER CO	MITCHELL	OCONEE	500	2,300	22
GEORGIA POWER CO	TALLASSEE	M FK OCONEE	1,500	5,000	41
GEORGIA POWER CO	HIGH FALLS	TOWALIGA	3,680	8,000	106
GEORGIA POWER CO	LLOYD SHOALS	OCMULGEE	14,400	67,000	102
*BIBB MFG CO	PORTERDALE	YELLOW	1,500	8,200	48
*CALLAWAY MILLS	WILSTEAD	YELLOW	800	2,900	42
GEORGIA POWER CO	CREDILLE	PATAULA CR	1,680	9,200	30
*EAGLE AND PHENIX MILLS	COLUMBUS	CHATTAHOOCHEE	4,100	25,000	26
*CITY MILLS CO	COLUMBUS	CHATTAHOOCHEE	180	270	10
GEORGIA POWER CO	NO HIGHLAND	CHATTAHOOCHEE	6,900	45,000	38
GEORGIA POWER CO	GOAT ROCK	CHATTAHOOCHEE	16,000	123,500	65
GEORGIA POWER CO	BARTLETTS FERRY	CHATTAHOOCHEE	65,000	291,000	116
GEORGIA POWER CO	RIVERVIEW	CHATTAHOOCHEE	480	2,700	15
GEORGIA POWER CO	LANGDALE	CHATTAHOOCHEE	4,010	20,000	15
GEORGIA POWER CO	MORGAN FALLS	CHATTAHOOCHEE	16,800	43,100	46
*HABERSHAM MILLS	HABERSHAM	SOGUE	1,640	4,700	67
GEORGIA PWR AND LT CO	SPRING CREEK	SPRING CR	800	1,700	14
GEORGIA POWER CO	FLINT R	FLINT	5,400	47,400	27

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>GEORGIA CONT'D</u>					
CRISP COUNTY POWER COMM	CORDELE	FLINT	11,200	52,900	30
GEORGIA POWER CO	WHITEWATER	WHITEWATER CR	360	1,100	10
*RIEGL TEXTILE CO	TRION	CHATTOOGA	272	120	20
*THOMPSON WEINMAN CO	CARTERSVILLE	ETOWAH	625	3,500	-
CORPS OF ENGINEERS	ALLATOONA	ETOWAH	74,000	169,000	146
TENNESSEE VALLEY AUTH	BLUE RIDGE	TOCCOA	20,000	35,000	145
			<u>444,319</u>	<u>1,506,990</u>	
<u>FLORIDA</u>					
FLORIDA POWER CORPORATION	MOSS BLUFF	OCKLAWAHA	480	1,700	12
FLORIDA POWER CORPORATION	DUNELLON	WITHLACOOCHEE	3,213	14,000	25
FLORIDA POWER CORPORATION	JACKSON BLUFF	OCKLOCKONEE	8,800	20,000	35
FLORIDA PUB UTILITIES CO	MARIANNA	MERRITTS POND	168	500	14
			<u>12,661</u>	<u>36,200</u>	
<u>SOUTH ATLANTIC TOTAL</u>			<u>2,835,275</u>	<u>11,051,190</u>	
<u>EAST SOUTH CENTRAL</u>					
<u>KENTUCKY</u>					
TENNESSEE VALLEY AUTH	KENTUCKY	TENNESSEE	160,000	1,000,000	56
COUPS OF ENGINEERS	# WOLF CREEK	CUMBERLAND	271,200	867,000	173
LOUISVILLE GAS AND EL CO	OHIO FALLS	OHIO	80,320	390,000	33
KENTUCKY UTILITIES CO	LOCK NO 7	KENTUCKY	2,040	11,000	15
KENTUCKY UTILITIES CO	DIX RIVFR	DIX	28,500	65,000	243
			<u>542,060</u>	<u>2,333,000</u>	
<u>TENNESSEE</u>					
TENNESSEE VALLEY AUTH	COLUMBIA	DUCK	800	1,600	15
TENNESSEE VALLEY AUTH	PICKWICK LANDING	TENNESSEE	216,000	1,329,000	56
TENNESSEE VALLEY AUTH	HALES BAR	TENNESSEE	99,700	495,000	36
TENNESSEE VALLEY AUTH	CHICKAMAUGA	TENNESSEE	108,000	745,000	50
TENNESSEE VALLEY AUTH	OCOEE NO 1	OCOEE	18,000	65,000	112
TENNESSEE VALLEY AUTH	OCOEE NO 2	OCOEE	19,900	130,000	253
TENNESSEE VALLEY AUTH	OCOEE NO 3	OCOEE	27,000	180,000	314
TENNESSEE VALLEY AUTH	APALACHIA	HIWASSEE	75,000	460,000	439
TENNESSEE VALLEY AUTH	WATTS BAR	TENNESSEE	150,000	790,000	57
TENNESSEE VALLEY AUTH	NORRIS	CLINCH	100,800	400,000	194
KNOXVILLE POWER CO	CALDERWOOD	LITTLE TENNESSEE	121,500	600,000	217
TENNESSEE VALLEY AUTH	FORT LOUDON	TENNESSEE	128,000	530,000	71
TENNESSEE VALLEY AUTH	DOUGLAS	FRENCH BROAD	86,000	335,000	128
TENNESSEE VALLEY AUTH	NOLICHUCKY	NOLICHUCKY	10,640	40,000	70
TENNESSEE VALLEY AUTH	CHEROKEE	HOLSTON	60,000	300,000	148
TENNESSEE VALLEY AUTH	WILBUR	WATAUGA	10,700	25,000	64
TENNESSEE VALLEY AUTH	WATAUGA	WATAUGA	50,000	120,000	309
TENNESSEE VALLEY AUTH	SOUTH HOLSTON	S FK HOLSTON	35,000	136,000	257
CORPS OF ENGINEERS	# CENTER HILL	CANEY FORK	135,800	351,000	162
TENNESSEE VALLEY AUTH	GREAT FALLS	CANEY FORK	31,860	150,000	147
CORPS OF ENGINEERS	# DALE HOLLOW	OBEY	36,600	120,000	139
			<u>1,521,300</u>	<u>7,302,600</u>	
<u>ALABAMA</u>					
ALABAMA ELECTRIC COOP INC	ELBA	PEA	1,480	7,000	30
ALABAMA ELECTRIC COOP INC	POINT A HYD	CONECUH	5,200	25,000	41
ALABAMA ELECTRIC COOP INC	GANTT	CONECUH	2,440	9,200	30
*MT VERNON WOODBERRY MILLS	TALLASSEE MILLS	TALLAPOOSA	8,000	25,000	90
ALABAMA POWER CO	THURLOW DAM	TALLAPOOSA	50,000	228,000	90
ALABAMA POWER CO	YATES	TALLAPOOSA	32,000	136,000	53
ALABAMA POWER CO	MARTIN DAM	TALLAPOOSA	154,200	367,000	146
ALABAMA POWER CO	JORDAN DAM	COOSA	100,000	559,000	89
ALABAMA POWER CO	MITCHELL	COOSA	72,500	387,000	66
ALABAMA POWER CO	LAY DAM	COOSA	81,000	375,000	69

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>ALABAMA CONT'D</u>					
TENNESSEE VALLEY AUTH	WILSON	TENNESSEE	436,000	2,390,000	92
TENNESSEE VALLEY AUTH	WHEELER	TENNESSEE	259,200	1,244,000	48
TENNESSEE VALLEY AUTH	GUNTERSVILLE	TENNESSEE	97,200	720,000	38
			1,299,220	6,472,200	
<u>MISSISSIPPI</u>			0	0	
<u>EAST SOUTH CENTRAL TOTAL</u>			<u>3,362,580</u>	<u>16,107,800</u>	
<u>WEST SOUTH CENTRAL</u>					
<u>ARKANSAS</u>					
*LION OIL CO	CHEMICAL DIVISION	BAYOU DE LOUTRE	2,800	8,700	-
CORPS OF ENGINEERS	NARROWS	LITTLE MISSOURI	17,000	27,000	145
ARKANSAS PWR AND LT CO	REMMEL	OUACHITA	9,300	33,387	50
ARKANSAS PWR AND LT CO	CARPENTER	OUACHITA	56,000	70,131	95
ARKANSAS MISSOURI PR CORP	HILTON DAM NO 3	SPRING	600	3,600	20
ARKANSAS MISSOURI PR CORP	MAMMOTH SPRINGS	SPRING	440	2,500	20
CORPS OF ENGINEERS	#NORFORK	NORTH FORK	70,400	172,000	176
CORPS OF ENGINEERS	BULL SHOALS	WHITE	120,000	650,000	198
			276,540	967,318	
<u>LOUISIANA</u>			0	0	
<u>OKLAHOMA</u>					
PUBLIC SERVICE CO OF OKLA	CHICKASHA	WASHITA	980	1,200	21
ANADARKO CITY OF	ANADARKO	WASHITA	424	-	14
PUBLIC SERVICE CO OF OKLA	CARNEGIE	WASHITA	220	-	15
SOUTHWESTERN PWR ADMIN	PENSACOLA	GRAND	86,200	328,000	121
			87,824	329,200	
<u>TEXAS</u>					
BRAZOS R CON AND REC DIST	MORRIS SHEPPARD	BRAZOS	22,500	89,138	130
LOWER COLORADO R AUTH	AUSTIN	COLORADO	13,500	70,000	62
LOWER COLORADO R AUTH	MARSHALL FORD	COLORADO	67,500	200,000	150
LOWER COLORADO R AUTH	MARBLE FALLS	COLORADO	30,000	63,000	57
LOWER COLORADO R AUTH	GRANITE SHOAL	COLORADO	45,000	95,000	87
LOWER COLORADO R AUTH	INKS	COLORADO	12,500	46,000	61
LOWER COLORADO R AUTH	BUCHANAN	COLORADO	33,750	100,000	132
CENTRAL PWR AND LT CO	CUERO	GUADALUPE	1,050	4,500	15
CENTRAL PWR AND LT CO	GONZALES	GUADALUPE	1,200	4,500	15
*C ZEDLER AND SONS	LULING	SAN MARCOS	200	430	9
TEXAS HYDRO ELEC CORP	H 5	GUADALUPE	2,400	8,200	28
TEXAS HYDRO ELEC CORP	H 4	GUADALUPE	2,400	8,400	28
TEXAS POWER CORP	NOLTE TP5	GUADALUPE	2,480	7,800	27
SEGUIN CITY OF	SEGUIN	GUADALUPE	230	1,600	9
TEXAS HYDRO ELEC CORP	TP 4	GUADALUPE	2,400	8,600	29
TEXAS POWER CORP	ABBOTT TP 3	GUADALUPE	2,800	10,300	31
TEXAS POWER CORP	DUNLAP TP 1	GUADALUPE	3,600	15,000	46
LOWER COLORADO R AUTH	P AND M MILLS	GUADALUPE	500	200	8
LOWER COLORADO R AUTH	LANDA	COMAL	500	500	24
CENTRAL PWR AND LT CO	EAGLE PASS	RIO GRANDE CANAL	9,600	50,000	83
CENTRAL PWR AND LT CO	LAKE WALK	DEVILS	1,350	5,100	35
CENTRAL PWR AND LT CO	DEVILS LAKE	DEVILS	1,800	6,000	45
RED BLUFF W PWR CONT DIST	RED BLUFF	PECOS	2,300	7,000	83
CORPS OF ENGINEERS	#DENISON	RED	71,200	268,000	107
			330,860	1,069,268	
<u>WEST SOUTH CENTRAL TOTAL</u>			<u>695,224</u>	<u>2,365,786</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MOUNTAIN</u>					
<u>MONTANA</u>					
THE MONTANA POWER CO	MYSTIC LAKE	W ROSEBUD CR	10,000	59,429	1,128
*JARDINE MINING CO	JARDINE	BEAR CR	600	2,100	-
CORPS OF ENGINEERS	FORT PECK	MISSOURI	85,000	685,000	213
THE MONTANA POWER CO	MORONY	MISSOURI	45,000	284,540	83
THE MONTANA POWER CO	RYAN	MISSOURI	48,000	443,490	151
THE MONTANA POWER CO	RAINBOW	MISSOURI	36,500	296,045	114
THE MONTANA POWER CO	BLACK EAGLE	MISSOURI	16,800	146,795	52
THE MONTANA POWER CO	HOLTER	MISSOURI	38,400	272,450	109
THE MONTANA POWER CO	HAUSER LAKE	MISSOURI	17,000	132,670	67
THE MONTANA POWER CO	MADISON NO 2	MADISON	9,000	70,211	119
THE MONTANA POWER CO	THOMPSON FALLS	CLARK FORK	30,000	292,070	60
THE MONTANA POWER CO	KERR	FLATHEAD	112,000	700,000	191
MOUNTAIN STATES POWER CO	BIG FORK	SWAN	4,150	26,801	105
U S INDIAN IRRIGATION SER	BIG CREEK	BIG CR	320	1,100	585
BUREAU OF RECLAMATION	HUNGRY HORSE	S FK FLATHEAD	142,500	950,000	484
THE MONTANA POWER CO	MILLTOWN	CLARK FORK	3,040	22,000	32
THE MONTANA POWER CO	FLINT CREEK	FLINT CR	1,100	9,000	717
MONTANA LT AND PWR CO	TROY	LAKE CR	4,500	18,000	161
			603,910	4,411,701	
<u>IDAHO</u>					
UTAH POWER AND LIGHT CO	ONEIDA	BEAR	30,000	48,159	145
UTAH POWER AND LIGHT CO	COVE	BEAR	7,500	14,079	92
UTAH POWER AND LIGHT CO	GRACE	BEAR	44,000	71,982	525
UTAH POWER AND LIGHT CO	SODA	BEAR	14,000	16,356	79
SODA SPRINGS CITY OF	SODA SPRINGS	SODA CR	320	1,500	-
UTAH POWER AND LIGHT CO	PARIS	PARIS CR	650	2,900	346
THE WASHINGTON WTR PWR CO	LEWISTON	CLEARWATER	10,000	77,000	35
THE WASHINGTON WTR PWR CO	GRANGEVILLE	S FK CLEARWATER	1,000	4,600	60
IDAHO POWER CO	SALMON HYDRO	LEMHI	560	3,200	36
BUREAU OF RECLAMATION	BLACK CANYON	PAYETTE	8,000	74,000	93
IDAHO POWER CO	HORSESHOE BEND	PAYETTE	1,500	12,500	36
IDAHO POWER CO	CASCADE	N FK PAYETTE	300	1,500	37
IDAHO POWER CO	BARBER	BOISE	1,050	2,300	20
BUREAU OF RECLAMATION	BOISE RIVER	BOISE	1,500	8,000	31
ATLANTA POWER CO	ATLANTA	M FK BOISE	120	200	98
BUREAU OF RECLAMATION	ANDERSON RANCH	S FK BOISE	27,000	118,000	330
IDAHO POWER CO	SWAN FALLS	SNAKE	9,060	97,236	24
IDAHO POWER CO	LOWER MALAD	MALAD	13,500	105,000	161
IDAHO POWER CO	UPPER MALAD	MALAD	7,200	65,000	129
IDAHO POWER CO	C J STRIKE	SNAKE	82,800	410,000	92
IDAHO POWER CO	BLISS	SNAKE	75,000	412,000	70
IDAHO POWER CO	LOWER SALMON	SNAKE	60,000	320,000	59
IDAHO POWER CO	UPPER SALMON	SNAKE	34,500	304,400	45
IDAHO POWER CO	THOUSAND SPRINGS	SPRINGS	8,000	64,000	182
IDAHO POWER CO	CLEAR LAKE	SPRINGS	2,500	18,400	79
IDAHO POWER CO	SHOSHONE FALLS	SNAKE	10,880	92,000	214
IDAHO POWER CO	TWIN FALLS	SNAKE	13,500	54,000	147
BUREAU OF RECLAMATION	MINDOKA	SNAKE	13,400	80,000	48
IDAHO POWER CO	AMERICAN FALLS	SNAKE	27,500	130,000	49
CALIF PACIFIC UTIL CO	MALAD CITY	BIRCH CR	200	1,500	510
IDAHO FALLS CITY OF	LOWER HYDRO NO 4	SNAKE	3,000	20,000	20
IDAHO FALLS CITY OF	LOWER HYDRO NO 1	SNAKE	2,000	14,000	22
IDAHO FALLS CITY OF	UPPER HYDRO NO 2	SNAKE	2,400	16,000	21
TETON VALLEY PWR MILL CO	FELT	TETON	1,870	2,800	90
UTAH POWER AND LIGHT CO	ST ANTHONY	HENRRYS FORK	500	3,600	10
UTAH POWER AND LIGHT CO	ASHTON	HENRRYS FORK	5,800	31,449	49
THE WASHINGTON WTR PWR CO	POST FALLS	SPOKANE	11,250	86,000	55
*FEDERAL MNG AND SMLTG CO	MORNING MINE	COEUR D ALENE	120	50	-
CITIZENS UTILITIES CO	WALLACE	PLACER CR	240	-	312
*FEDERAL MNG AND SMLTG	WALLACE	PLACER CR	450	2,200	-

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>IDAHO CONT'D</u>					
*HECLA MINING CO	HECLA CONCENTRATE	CANYON CR	145	550	-
*HECLA MINING CO	HECLA MINE	CANYON CR	250	700	256
*FEDERAL MNG AND SMLTG	BURKE	CANYON CR	300	1,300	-
THE WASHINGTON WTR PWR CO	CABINET GORGE	CLARK FORK	100,000	800,000	100
BONNERS FERRY VILLAGE OF	MOYIE NO 2	MOYIE	2,000	8,000	200
BONNERS FERRY VILLAGE OF	MOYIE NO 1	MOYIE	380	-	60
			636,245	3,596,461	
<u>WYOMING</u>					
BUREAU OF RECLAMATION	LINGLE	NORTH PLATTE	1,400	8,400	110
BUREAU OF RECLAMATION	GUERNSEY	NORTH PLATTE	4,800	27,000	86
BUREAU OF RECLAMATION	KORTES	NORTH PLATTE	36,000	170,000	203
BUREAU OF RECLAMATION	SEMINOLE	NORTH PLATTE	32,400	150,000	214
MOUNTAIN STATES POWER CO	BUFFALO	CLEAR CR	400	1,700	355
BUREAU OF RECLAMATION	HEART MOUNTAIN	SHOSHONE	5,000	54,000	276
BUREAU OF RECLAMATION	SHOSHONE	SHOSHONE	5,600	45,000	225
BUREAU OF RECLAMATION	BOYSEN	BIG HORN	15,000	79,000	115
BUREAU OF RECLAMATION	PILOT BUTTE	WIND	1,600	14,400	105
DUBOIS PUBLIC SERVICE CO	DUBOIS	WARM SPRINGS	100	300	-
MOUNTAIN STATES POWER CO	LANDER	POPO AGIE	552	2,300	220
NATIONAL PARK SERVICE	MANMOTH	GARDINER	600	1,400	310
CALIF PACIFIC UTIL CO	COKEVILLE	PINE CR	350	400	120
LOWER VAL PWR AND LT INC	FREEDOM	SALT	600	2,300	-
LOWER VAL PWR AND LT INC	STRAWBERRY	STRAWBERRY CR	1,000	8,000	512
STAR VALLEY PWR AND LT CO	AFTON LOWER	SWIFT CR	180	-	68
STAR VALLEY PWR AND LT CO	AFTON UPPER	SWIFT CR	800	2,700	193
JACKSON HOLE LT AND P CO	JACKSON NO 2	FLAT CR	100	300	54
JACKSON HOLE LT AND P CO	JACKSON NO 1	FLAT CR	565	1,400	136
PINEDALE PWR AND LT CO	PINEDALE	PINE CR	150	400	-
			107,197	549,000	812
<u>COLORADO</u>					
CREEDE CITY OF	CREEDE	WILLOW CR	30	100	-
COLORADO SPRINGS CITY OF	MANITOU SPRINGS	RUXTON CR	5,000	16,500	2,421
COLORADO SPRINGS CITY OF	RUSTON PARK	RUXTON CR	1,000	2,600	1,165
SOUTHERN COLORADO PWR CO	SKAGUAY	BEAVER CR	1,500	9,000	1,164
PUBLIC SERVICE CO OF COLO	SALIDA NO 2	ARKANSAS	800	3,900	347
PUBLIC SERVICE CO OF COLO	SALIDA NO 1	ARKANSAS	1,070	4,400	435
SANGRE DE CRISTO EL ASSN	BUENA VISTA	ARKANSAS	150	-	-
LOVELAND CITY OF	LOVELAND	THOMPSON	900	4,700	345
TOWN OF ESTES PARK	ESTES PARK	FALL	880	2,300	547
BUREAU OF RECLAMATION	ESTES	THOMPSON	45,000	113,000	572
BUREAU OF RECLAMATION	MARYS LAKE	MARYS LAKE	8,100	54,000	217
LONGMONT CITY OF	LONGMONT	ST VRAIN CR	1,200	3,000	500
*OZARK MAHONING CO	WANO MILL	JAMES CR	150	220	-
PUBLIC SERVICE CO OF COLO	BOULDER	MIDDLE BOULDER CR	20,000	33,000	1,828
FALL RIVER POWER CO	FALL RIVER	FALL	600	-	650
PUBLIC SERVICE CO OF COLO	GEORGETOWN	S CLEAR CR	1,440	6,800	700
LA WESTERN COLORADO P CO	TACOMA	LAS ANIMAS	8,000	22,000	982
LA PLATA ELEC ASSN INC	PAGOSA SPRINGS	SAN JUAN	150	400	-
*TELLURIDE MINES INC	BRIDAL VEIL & PAND	SAN MIGUEL	800	6,000	-
THE WESTERN COLORADO P CO	ILIMUM	LAKE FORK	1,200	7,600	500
THE WESTERN COLORADO P CO	NEW AMES	LAKE FORK	3,600	13,380	911
REDLANDS WATER AND PWR CO	REDLANDS	GUNNISON	1,400	9,000	35
THE WESTERN COLORADO P CO	OURAY	UNCOMPAHGRE	432	3,500	432
PUB SERV CO OF COLORADO	PALISADE	COLORADO	3,000	20,600	80
PUB SERV CO OF COLORADO	RIFLE	RIFLE CR	125	1,200	71
GLENWOOD SPRINGS CITY OF	GLENWOOD SPRINGS	COLORADO	200	1,500	175
MOUNTAIN UTILITIES CORP	ASPEN	ROARING FORK	1,120	2,000	18
PUB SERV CO OF COLORADO	SHOSHONE	COLORADO	14,400	90,000	165
*NEW JERSEY ZINC CO	EAGLE	FALL CR	358	980	625
BUREAU OF RECLAMATION	GREEN MOUNTAIN	BLUE	21,600	64,020	259
PUB SERV CO OF COLORADO	SUMMIT	SNAKE	800	6,900	460
			145,005	502,600	

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NEW MEXICO					
SOUTHWESTERN PUB SERV CO	CARLSBAD	PECOS	330	1,000	17
SOUTHWESTERN PUB SERV CO	SANTA ROSA	PECOS	80	300	13
BUREAU OF RECLAMATION	ELEPHANT BUTTE	RIO GRANDE	24,300	96,000	190
FARMINGTON TOWN OF	FARMINGTON	LAS ANIMAS	200	700	26
			24,910	98,000	
ARIZONA					
SALT R AGR IMP PWR DIST	CROSS CUT	CROSS CUT CANAL	5,100	7,000	116
SALT R AGR IMP PWR DIST	SOUTH CONSOL	CONSOLIDATED CANAL	800	5,700	34
NO ARIZONA LT AND PWR CO	CHILDS	VERDE	5,400	24,000	1,075
NO ARIZONA LT AND PWR CO	IRVING	FOSSIL CR	1,600	11,100	482
SALT R AGR IMP PWR DIST	STEWART MOUNTAIN	SALT	10,400	25,000	116
SALT R AGR IMP PWR DIST	MORMON FLAT	SALT	7,000	35,000	131
SALT R AGR IMP PWR DIST	HORSE MESA	SALT	30,000	125,000	266
SALT R AGR IMP PWR DIST	ROOSEVELT	SALT	19,290	50,000	226
US INDIAN IRRIGATION SER	COOLIDGE	GILA	10,000	24,000	205
BUREAU OF RECLAMATION	DAVID	COLORADO	225,000	1,065,000	145
BUREAU OF RECLAMATION	#@HOOVER	COLORADO	669,900	2,838,000	530
*UNION PACIFIC RAILROAD CO	KAIBAB FOREST	BRIGHT ANGEL CR	200	20	-
SHOWLOW WTR AND PWR DIST	SNOWFLAKE	SILVER CR	50	400	-
ROUND VALLEY LT AND PWR CO	SPRINGVILLE	LITTLE COLORADO	40	-	-
			984,780	4,210,220	
UTAH					
UTAH POWER AND LIGHT CO	CUTLER	BEAR	30,000	88,964	127
UTAH POWER AND LIGHT CO	HYRUM	BLACKSMITH FORK	2,000	7,000	256
HYRUM CITY CORPN	HYRUM	BLACKSMITH FORK	500	3,400	-
UTAH STATE AGR COLLEGE	LOGAN	LOGAN	450	1,500	30
UTAH POWER AND LIGHT CO	LOGAN	LOGAN	2,000	11,000	213
LOGAN CITY OF	LOGAN CITY	LOGAN	1,400	6,600	98
SWAN CREEK ELECTRIC CO	LAKE TOWN	SWAN CR	330	1,200	-
BRIGHAM CITY CORPORATION	BRIGHAM CITY	BOX ELDER CR	1,200	5,800	-
UTAH POWER AND LIGHT CO	RIVERDALE	WEBER	3,750	17,254	201
UTAH POWER AND LIGHT CO	WEBER	WEBER	2,500	14,460	184
UTAH POWER AND LIGHT CO	PIONEER	OGDEN	5,000	25,655	420
UTAH POWER AND LIGHT CO	LOWER MILL CREEK	MILL CR	1,120	3,000	1,037
UTAH POWER AND LIGHT CO	UPPER MILL CREEK	MILL CR	300	1,400	599
UTAH POWER AND LIGHT CO	GRANITE	BIG COTTONWOOD CR	1,500	7,000	470
UTAH POWER AND LIGHT CO	STAIRS	BIG COTTONWOOD CR	1,500	5,100	370
MURRAY CITY OF	GRANITE	LIT COTTONWOOD CR	1,000	4,800	565
UTAH POWER AND LIGHT CO	BATTLE CREEK	BATTLE CR	2,400	2,200	1,757
UTAH POWER AND LIGHT CO	LOWER AMERICAN FK	AMERICAN FORK	950	4,200	292
UTAH POWER AND LIGHT CO	UPPER AMERICAN FK	AMERICAN FORK	1,200	3,000	574
UTAH POWER AND LIGHT CO	ALPINE	FORK CR	1,750	3,500	1,924
UTAH POWER AND LIGHT CO	OLMSTEAD	PROVO	12,700	58,265	340
UTAH POWER AND LIGHT CO	SNAKE CREEK	SNAKE CR	1,180	3,700	752
HEBER LT AND PWR PLT	SNAKE CREEK	SNAKE CR	800	4,000	1,895
HEBER LT AND PWR PLT	HEBER	PROVO	600	4,400	-
UTAH POWER AND LIGHT CO	MURDOCK	PROVO	2,500	12,200	198
UTAH POWER AND LIGHT CO	SANTAQUIN	SUMMIT CR	880	3,300	656
STRAWBERRY WTR USERS ASSN	LOWER	SPANISH FORK	250	-	-
STRAWBERRY WTR USERS ASSN	UPPER	SPANISH FORK	900	6,400	-
STRAWBERRY WTR USERS ASSN	PAYSON	PETEETNEET CR	400	2,300	-
SPRINGVILLE MUN CORP	SPRING CREEK	SPRING CR	120	800	-
SPRINGVILLE MUN CORP	HOBBLE CREEK	HOBBLE CR	300	1,400	-
SPRINGVILLE MUN CORP	BARTHOLOMEW	BARTHOLOMEW CR	500	2,400	-
UTAH POWER AND LIGHT CO	SOUTH WILLOW	S WILLOW CR	400	800	1,116
PAROWAN CITY CORPORATION	PAROWAN	CENTER CR	600	2,200	-
BEAVER CITY CORPORATION	BEAVER	BEAVER	625	3,700	-
TELLURIDE POWER CO	LOWER BEAVER	BEAVER	600	4,800	485
TELLURIDE POWER CO	UPPER BEAVER R	BEAVER	2,400	10,900	1,100
MANTI CITY LT AND PR DEPT	MANTI	MANTI CR	520	2,900	-
EPHRAIM CITY OF	NO 1	CITY CR	150	800	-
EPHRAIM CITY OF	NO 2	CITY CR	210	1,000	-

SEE FOOTNOTES AT END OF TABLE

**TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953**

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>UTAH CONT'D</u>					
SPRING CITY CORP	SPRING CITY	OAK CR	60	400	-
MT PLEASANT CITY CORP	LOWER	PLEASANT CR	150	900	-
MT PLEASANT CITY CORP	UPPER	PLEASANT CR	175	1,000	-
FAIRVIEW CITY CORP	LOWER	COTTONWOOD CR	100	200	-
FAIRVIEW CITY CORP	UPPER	COTTONWOOD CR	60	300	-
BIG SPRINGS POWER CO	FOUNTAIN GREEN	BIG SPRINGS	320	1,400	-
TELLURIDE POWER CO	GLENWOOD	SEVIER	50	100	180
MONROE CITY CORP	LOWER MONROE	MONROE CR	100	400	-
MONROE CITY CORP	UPPER MONROE	MONROE CR	125	500	-
TELLURIDE POWER CO	PANGUITCH	PANGUITCH CR	100	200	250
SOUTHERN UTAH POWER CO	NO 1	SANTA CLARA	750	2,400	470
SOUTHERN UTAH POWER CO	NO 3	SANTA CLARA	640	2,600	389
SOUTHERN UTAH POWER CO	NO 2	SANTA CLARA	500	2,000	330
SOUTHERN UTAH POWER CO	NO 4	VIRGIN	1,000	5,000	236
GARKANE POWER ASSN INC	TORREY	FREMONT	150	700	-
UINTAH POWER AND LIGHT CO	UINTAH	UINTAH	1,200	4,000	450
MOON LAKE ELEC ASSN INC	YELLOWSTONE	YELLOWSTONE CR	900	2,600	-
UTAH POWER AND LIGHT CO	VERNAL	ASHLEY CR	250	1,400	84
UTAH POWER AND LIGHT CO	MOAB	MILL CR	50	300	80
			<u>94,165</u>	<u>369,698</u>	
<u>NEVADA</u>					
SIERRA PACIFIC POWER CO	RENO	TRUCKEE	700	5,200	41
SIERRA PACIFIC POWER CO	WASHOE	TRUCKEE	1,500	13,400	88
SIERRA PACIFIC POWER CO	VERDI	TRUCKEE	2,400	18,100	96
SIERRA PACIFIC POWER CO	FLEISH	TRUCKEE	2,000	18,700	125
TRUCKEE CARSON IRR DIST	LAHONTAN	CARSON	1,640	12,300	120
CALIF PACIFIC UTIL CO	WINNEMUCCA	WATER CANYON	120	100	1,100
ELKO LAMOILLE POWER CO	LAMOILLE	LAMOILLE CR	200	1,500	-
WELLS POWER CO	WELLS	SALMON FALLS	120	1,500	-
*KENNECOTT COPPER CORPN	MCGILL	DUCK VALLEY CR	840	1,900	-
BUREAU OF RECLAMATION	#@HOOVER	COLORADO	579,900	2,510,000	530
			<u>589,420</u>	<u>2,582,700</u>	
<u>MOUNTAIN TOTAL</u>			<u>3,185,632</u>	<u>16,320,380</u>	
<u>PACIFIC</u>					
<u>WASHINGTON</u>					
PUGET SOUND PWR AND LT CO	NOOKSACK	NOOKSACK	1,500	7,700	228
PUGET SOUND PWR AND LT CO	BAKER RIVER	BAKER	31,200	259,586	250
*SUPERIOR PORT CEM CO	SUPERIOR	BEAR CR	2,125	14,000	420
SEATTLE DEPT OF LIGHTING	NEWHALEM	NEWHALEM CR	2,000	12,200	500
SEATTLE DEPT OF LIGHTING	GORGE	SKAGIT	134,400	683,000	292
SEATTLE DEPT OF LIGHTING	#DIABLO	SKAGIT	122,400	829,000	330
SEATTLE DEPT OF LIGHTING	ROSS	SKAGIT	90,000	720,000	395
PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 2	SNOQUALMIE	9,300	70,000	270
PUGET SOUND PWR AND LT CO	SNOQUALMIE NO 1	SNOQUALMIE	11,000	82,000	258
SEATTLE DEPT OF LIGHTING	CEDAR FALLS	CEDAR	22,856	103,000	630
PUGET SOUND PWR AND LT CO	WHITE RIVER	WHITE	62,000	306,047	487
PUGET SOUND PWR AND LT CO	ELECTRON	PUYALLUP	25,500	172,804	874
CENTRALIA CITY OF	CENTRALIA	NISQUALLY	4,000	40,000	208
TACOMA DEPT OF PUB UTILS	LA GRANDE	NISQUALLY	64,000	357,000	419
TACOMA DEPT OF PUB UTILS	ALDER	NISQUALLY	50,000	202,000	265
*RAINIER NATIONAL PARK CO	LONGMIRE	PARADISE	900	1,300	486
PUGET SOUND PWR AND LT CO	OLYMPIA	DESCHUTES	1,750	6,000	84
TACOMA DEPT OF PUB UTILS	CUSHMAN NO 2	N FK SKOKOMISH	81,000	200,000	480
TACOMA DEPT OF PUB UTILS	CUSHMAN NO 1	N FK SKOKOMISH	43,000	100,000	255
*CROWN ZELLERBACH CORP	ELWHA	ELWHA	9,866	60,000	104
*CROWN ZELLERBACH CORP	GLINES CANYON	ELWHA	10,666	80,000	192
QUINLAULT LIGHT COMPANY	QUINLAULT	ZEIGLER CR	250	600	-
PACIFIC PWR AND LT CO	MERWIN	LEWIS	91,000	482,000	185
WESTERN LT AND PWR CO	WASHOUGAL	WASHOUGAL	750	4,500	-
PACIFIC PWR AND LT CO	CONDIT	WHITE SALMON	9,600	91,000	178
BUREAU OF RECLAMATION	PROSSER	YAKIMA	2,400	21,000	53

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>WASHINGTON CONT'D</u>					
PACIFIC PWR AND LT CO	NACHES HYDRO	NACHES	6,370	35,000	149
PACIFIC PWR AND LT CO	NACHES DROP	NACHES	1,400	9,600	54
ELLENBURG CITY OF	ELLENBURG	YAKIMA	1,900	12,500	50
PACIFIC PWR AND LT CO	PRIEST RAPIDS	COLUMBIA	2,100	11,400	27
PUGET SOUND PWR AND LT CO	ROCK ISLAND	COLUMBIA	60,000	682,000	52
CHELAN COUNTY PUD NO 1	ROCK ISLAND	COLUMBIA	67,500	657,000	52
CHELAN COUNTY PUD NO 1	DRYDEN	WENATCHIE	2,200	14,000	55
PUGET SOUND PWR AND LT CO	TUMWATER	WENATCHIE	6,000	39,000	180
THE WASHINGTON WTR PWR CO	CHELAN	CHELAN	48,000	467,500	409
OKANOGAN COUNTY PUD NO 1	OROVILLE	SIMILKAMEEN	3,200	19,069	78
BUREAU OF RECLAMATION	#GRAND COULEE	COLUMBIA	1,974,000	15,000,000	355
THE WASHINGTON WTR PWR CO	LITTLE FALLS	SPOKANE	32,000	212,000	71
THE WASHINGTON WTR PWR CO	LONG LAKE	SPOKANE	70,000	466,000	173
THE WASHINGTON WTR PWR CO	NINE MILE	SPOKANE	12,000	108,000	64
THE WASHINGTON WTR PWR CO	MONROE STREET	SPOKANE	7,200	60,000	70
THE WASHINGTON WTR PWR CO	UPPER FALLS	SPOKANE	10,000	80,000	62
SPOKANE CITY OF WATER DIV	SPOKANE	SPOKANE	3,900	31,000	35
THE WASHINGTON WTR PWR CO	MEYERS FALLS	COLVILLE	1,200	7,500	125
*PEND OREILLE MINES MTL CO	METALINE FALLS	SULLIVAN CR	3,600	6,800	30
*INLAND PORTLAND CEMENT CO	METALINE FALLS	SULLIVAN CR	3,000	14,000	460
THE WASHINGTON WTR PWR CO	DALKENA	CALISPELL CR	560	2,300	309
			5,199,593	22,839,406	
<u>OREGON</u>					
PORTLAND GENERAL ELEC CO	STATION M	CLACKAMUS	14,050	85,000	82
PORTLAND GENERAL ELEC CO	STATION Q	CLACKAMUS	15,250	113,000	133
PORTLAND GENERAL ELEC CO	STATION P	CLACKAMUS	51,000	220,000	925
MCMINNVILLE CITY OF	MCMINNVILLE	BAKER CR	200	400	-
PORTLAND GENERAL ELEC CO	STATION Q	BUTTE CR	100	-	28
*PUBLISHERS PAPER CO	OREGON CITY	WILLAMETTE	1,800	13,900	40
*OREGON CITY MFG CO	OREGON CITY	WILLAMETTE	230	360	-
*CROWN ZELLERBACH CORP	WEST LINN	WILLAMETTE	13,900	30,000	44
*OREGON PULP AND PAPER CO	SALEM	MILL CR	250	340	20
PORTLAND GENERAL ELEC CO	STATION S	MILL CR	125	400	16
MOUNTAIN STATES POWER CO	STAYTON	N SANTIAM	600	4,000	15
MOUNTAIN STATES PWR CO	MILL CITY	N SANTIAM	320	1,700	24
MOUNTAIN STATES POWER CO	ALBANY	S SANTIAM	800	3,700	36
MOUNTAIN STATES POWER CO	LEBANON	S SANTIAM	144	200	10
EUGENE CITY OF	WALTERVILLE	MCKENZIE	8,000	32,000	56
EUGENE CITY OF	LEABURG	MCKENZIE	13,500	100,000	90
PORTLAND GENERAL ELEC CO	STATION O	BULL RUN	21,000	95,000	328
CORPS OF ENGINEERS	#BONNEVILLE	COLUMBIA	522,400	4,400,000	66
CASCADE LOCKS CITY OF	CASCADE LOCKS	HERMAN CR	280	-	-
PACIFIC PWR AND LT CO	POWERDALE	HOOD	6,000	45,000	209
*OREGON LUMBER COMPANY	DEE PLANT	HOOD	150	280	-
PACIFIC PWR AND LT CO	TYGH VALLEY	WHITE	2,250	13,300	150
WASCO ELEC COOP INC	OAK SPRINGS	OAK SPRINGS	250	1,000	-
PACIFIC PWR AND LT CO	COVE NO 2	CROOKED	1,500	11,000	31
PACIFIC PWR AND LT CO	COVE	CROOKED	1,100	11,000	31
PACIFIC PWR AND LT CO	CLINE FALLS	DESCHUTES	1,000	4,600	43
PACIFIC PWR AND LT CO	BEND	DESCHUTES	1,110	5,600	17
CALIF PACIFIC UTIL CO	FREMONT	LOST CR	1,100	3,600	1,067
MILTON FREEWATER EL UTIL	MILTON LOWER	WALLA WALLA	360	2,600	75
MILTON FREEWATER EL UTIL	MILTON UPPER	WALLA WALLA	1,000	9,000	205
PACIFIC PWR AND LT CO	JOSEPH	WALLOWA	1,000	4,000	193
PACIFIC PWR AND LT CO	WALLOWA FALLS	E FK WALLOWA	800	6,000	1,187
CALIF PACIFIC UTIL CO	MORGAN LAKE	SHEEP CR	380	700	1,146
CALIF PACIFIC UTIL CO	COVE	MILL CR	300	1,000	875
IDAH0 POWER CO	OSBOW	SNAKE	2,880	-	20
*CORNUCOPIA GOLD MINES	CORNUCOPIA	PINE CR	700	-	470
CALIF PACIFIC UTIL CO	ROCK CREEK	ROCK CR	800	4,900	936
BAKER CITY OF	BAKER	GOODRICH LAKE	175	800	-
CALIF PACIFIC UTIL CO	SUMPTER	POWDER	75	-	246

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>OREGON CONT'D</u>					
BLACHLY LANE COOP EL ASSN	BLACHLY	LAKE CR	150	500	-
THE CALIF OREGON PWR CO	WINCHESTER	N UMPQUA	500	3,900	14
THE CALIF OREGON PWR CO	SODA SPRINGS	N UMPQUA	11,000	55,000	114
THE CALIF OREGON PWR CO	SLIDE CREEK	N UMPQUA	18,000	94,000	173
THE CALIF OREGON PWR CO	TOKETEE FALLS	N UMPQUA	42,500	220,000	448
THE CALIF OREGON PWR CO	FISH CREEK	N UMPQUA	11,000	59,000	1,043
THE CALIF OREGON PWR CO	GOLD RAY	ROGUE	1,500	11,700	20
ASHLAND CITY OF	ASHLAND	ASHLAND CR	300	2,500	-
THE CALIF OREGON PWR CO	PROSPECT NO 3	S FK ROGUE	7,200	50,000	720
THE CALIF OREGON PWR CO	PROSPECT NO 1	N FK ROGUE	3,760	25,000	495
THE CALIF OREGON PWR CO	PROSPECT NO 2	N FK ROGUE	32,000	275,000	606
THE CALIF OREGON PWR CO	PROSPECT NO 4	N FK ROGUE	1,000	7,100	112
THE CALIF OREGON PWR CO	KENO	KLAMATH	760	4,400	22
THE CALIF OREGON PWR CO	WEST SIDE	KLAMATH	600	5,400	48
THE CALIF OREGON PWR CO	EAST SIDE	KLAMATH	3,200	18,000	49
			820,349	6,055,880	
<u>CALIFORNIA</u>					
SIERRA PACIFIC POWER CO	FARAD	TRUCKEE	2,800	17,000	83
CALIFORNIA ELEC PWR CO	RUSH CREEK	RUSH CR	8,400	44,000	1,807
CALIFORNIA ELEC PWR CO	POOLE	LEE VINING CR	10,000	26,000	1,675
CALIFORNIA ELEC PWR CO	MILL CREEK	MILL CR	2,400	8,100	785
LOS ANGELES D WTR AND PR	FRANKLIN CANYON	LOS ANGELES AQDUC	2,000	8,800	285
LOS ANGELES D WTR AND PR	SAN FERNANDO	LOS ANGELES AQDUC	5,600	50,000	250
LOS ANGELES D WTR AND PR	SAN FRANCISQUITO 2	LOS ANGELES AQDUC	42,000	115,000	540
LOS ANGELES D WTR AND PR	#SAN FRANCISQUITO 1	LOS ANGELES AQDUC	58,875	210,000	935
LOS ANGELES D WTR AND PR	HAIRWE	LOS ANGELES AQDUC	5,600	34,000	193
LOS ANGELES D WTR AND PR	COTTONWOOD	COTTONWOOD CR	1,500	5,800	1,267
LOS ANGELES D WTR AND PR	DIVISION CR NO 2	DIVISION CR	600	3,000	1,250
LOS ANGELES D WTR AND PR	BIG PINE NO 3	BIG PINE CR	3,200	15,000	1,245
LOS ANGELES D WTR AND PR	CONTROL GORGE	OWENS	37,500	158,000	781
LOS ANGELES D WTR AND PR	MIDDLE GORGE	OWENS	37,500	155,000	767
LOS ANGELES D WTR AND PR	ADAMS MAIN	OWENS	5,000	26,000	245
LOS ANGELES D WTR AND PR	ADAMS AUXILIARY	OWENS	2,400	15,400	151
*CHAMPION SILLIMANITE INC	LAWES	MILNER CR	312	400	17
CALIFORNIA ELEC PWR CO	BISHOP CR NO 6	BISHOP CR	1,800	11,300	260
CALIFORNIA ELEC PWR CO	BISHOP CR NO 5	BISHOP CR	3,500	18,000	420
CALIFORNIA ELEC PWR CO	BISHOP CR NO 4	BISHOP CR	6,300	44,000	1,112
CALIFORNIA ELEC PWR CO	BISHOP CR NO 3	BISHOP CR	6,600	35,000	809
CALIFORNIA ELEC PWR CO	BISHOP CR NO 2	BISHOP CR	6,320	39,000	953
*SWANSON MINING CORPN	SALYER	TRINITY	1,600	170	-
PACIFIC GAS AND ELEC CO	JUNCTION CITY	TRINITY	2,720	10,200	602
THE CALIF OREGON PWR CO	FALL CREEK	FALL CR	2,200	10,000	730
THE CALIF OREGON PWR CO	COPCO NO 2	KLAMATH	27,000	130,000	151
THE CALIF OREGON PWR CO	COPCO NO 1	KLAMATH	20,000	106,000	122
PACIFIC GAS AND ELEC CO	POTTER VALLEY	RUSSIAN	8,800	58,000	476
PACIFIC GAS AND ELEC CO	AMERICAN RIVER	S FK AMERICAN	5,750	50,000	573
PACIFIC GAS AND ELEC CO	EL DORADO	S FK AMERICAN	20,000	97,700	1,910
PACIFIC GAS AND ELEC CO	WISE	AUBURN RAVINE	10,000	90,700	519
PACIFIC GAS AND ELEC CO	HALSEY	DRY CR	10,000	66,800	331
PACIFIC GAS AND ELEC CO	DUTCH FLAT	BEAR	22,000	147,000	643
PACIFIC GAS AND ELEC CO	ALTA	BEAR	2,000	6,400	660
PACIFIC GAS AND ELEC CO	DRUM	BEAR	44,000	282,500	1,375
PACIFIC GAS AND ELEC CO	DEER CREEK	DEER CR	5,500	31,300	837
PACIFIC GAS AND ELEC CO	NARROWS	YUBA	9,350	89,000	240
PACIFIC GAS AND ELEC CO	SPAULDING NO 2	S FK YUBA	3,750	20,000	344
PACIFIC GAS AND ELEC CO	SPAULDING NO 1	S FK YUBA	6,400	42,100	197
PACIFIC GAS AND ELEC CO	SPAULDING NO 3	S FK YUBA	6,300	29,100	318
PACIFIC GAS AND ELEC CO	COLGATE	N FK YUBA	24,000	154,000	810
PACIFIC GAS AND ELEC CO	BULLARDS BAR	N FK YUBA	6,500	38,900	166
PACIFIC GAS AND ELEC CO	SIERRA CITY	N FK YUBA	30	-	-
PACIFIC GAS AND ELEC CO	COAL CANYON	DRY CR	800	7,500	350
PACIFIC GAS AND ELEC CO	LIME SADDLE	W BR N FK FEATHER	1,600	11,500	462

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
CALIFORNIA CONT'D					
PACIFIC GAS AND ELEC CO	BIG BEND NO 1	N FK FEATHER	52,000	454,000	465
PACIFIC GAS AND ELEC CO	CRESTA	N FK FEATHER	67,500	298,000	290
PACIFIC GAS AND ELEC CO	ROCK CREEK	N FK FEATHER	113,400	454,000	535
PACIFIC GAS AND ELEC CO	BUCKS CREEK	N FK FEATHER	66,000	198,000	2,558
PACIFIC GAS AND ELEC CO	CARIBOU	N FK FEATHER	60,000	451,000	1,150
PACIFIC GAS AND ELEC CO	HAMILTON BRANCH	HAMILTON BRANCH	4,800	15,000	389
PACIFIC GAS AND ELEC CO	CENTERVILLE	BIG BUTTE CR	6,400	35,600	577
PACIFIC GAS AND ELEC CO	DE SABLE	BIG BUTTE CR	13,000	83,200	1,531
PACIFIC GAS AND ELEC CO	COLEMAN	BATTLE CR	13,800	57,500	482
PACIFIC GAS AND ELEC CO	INSKIP	S FK BATTLE CR	6,000	40,000	378
PACIFIC GAS AND ELEC CO	SOUTH	S FK BATTLE CR	4,000	35,600	516
PACIFIC GAS AND ELEC CO	VOLTA	N FK BATTLE CR	6,400	45,800	1,254
PACIFIC GAS AND ELEC CO	COW CREEK	COW CR	1,200	11,700	715
PACIFIC GAS AND ELEC CO	KILARC	N FK COW CR	3,000	16,900	1,192
BUREAU OF RECLAMATION	KESWICK	SACRAMENTO	75,000	347,000	101
BUREAU OF RECLAMATION	#SHASTA	SACRAMENTO	379,000	1,863,000	480
PACIFIC GAS AND ELEC CO	PIT NO 5	PIT	128,000	826,000	615
PACIFIC GAS AND ELEC CO	PIT NO 3	PIT	72,900	382,400	315
PACIFIC GAS AND ELEC CO	HAT CREEK NO 2	HAT CR	10,000	50,800	198
PACIFIC GAS AND ELEC CO	HAT CREEK NO 1	HAT CR	10,000	45,000	217
PACIFIC GAS AND ELEC CO	PIT NO 1	PIT	56,000	288,100	454
THE CALIF OREGON PWR CO	ALTURAS	PINE CR	450	1,700	365
EAST BAY MUN UTILITY DIST	PARDEE	MOKELUMNE	15,000	90,000	327
PACIFIC GAS AND ELEC CO	NEW ELECTRA	MOKELUMNE	89,100	363,500	1,268
PACIFIC GAS AND ELEC CO	WEST POINT	N FK MOKELUMNE	13,600	91,400	312
PACIFIC GAS AND ELEC CO	TIGER CREEK	N FK MOKELUMNE	51,000	353,000	1,219
PACIFIC GAS AND ELEC CO	SALT SPRINGS	N FK MOKELUMNE	9,350	42,800	255
PACIFIC GAS AND ELEC CO	BEAR RIVER	N FK MOKELUMNE	29,700	141,000	2,104
PACIFIC GAS AND ELEC CO	MELONES	STANISLAUS	24,300	95,500	230
PACIFIC GAS AND ELEC CO	ANGELS	ANGELS CR	1,400	7,000	448
PACIFIC GAS AND ELEC CO	MURPHYS	ANGELS CR	1,500	11,000	521
PACIFIC GAS AND ELEC CO	PHOENIX	S FK STANISLAUS	1,600	9,000	1,087
PACIFIC GAS AND ELEC CO	STANISLAUS	STANISLAUS	28,900	233,500	1,499
PACIFIC GAS AND ELEC CO	SPRING GAP	M FK STANISLAUS	6,000	48,200	1,865
TURLOCK MODESTO IRR DIST	LA GRANGE	TUOLUMNE	3,900	25,169	117
TURLOCK MODESTO IRR DIST	DON PEDRO	TUOLUMNE	26,990	199,788	261
SAN FRANCISCO UT COMM	MOCCASIN CREEK	MOCCASIN CR	70,000	508,000	1,316
SAN FRANCISCO UT COMM	EARLY INTAKE	CHERRY CR	3,600	28,000	343
PACIFIC GAS AND ELEC CO	MERCED FALLS	MERCED	3,440	16,100	27
MERCED IRRIGATION DIST	EXCHEQUER	MERCED	25,000	127,774	300
NATIONAL PARK SERVICE	YOSEMITE	MERCED	2,000	11,000	336
PACIFIC GAS AND ELEC CO	KERCKHOFF	SAN JOAQUIN	34,080	275,400	350
SOUTHERN CALIF EDISON CO	BIG CREEK NO 4	SAN JOAQUIN	84,000	490,000	418
PACIFIC GAS AND ELEC CO	A G WISHON	N FK SAN JOAQUIN	12,800	85,900	1,412
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 1A	N FK SAN JOAQUIN	340	1,300	43
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 2	N FK SAN JOAQUIN	2,400	11,000	307
PACIFIC GAS AND ELEC CO	SAN JOAQUIN NO 3	N FK SAN JOAQUIN	4,800	20,300	405
PACIFIC GAS AND ELEC CO	CRANE VALLEY	N FK SAN JOAQUIN	800	2,700	90
SOUTHERN CALIF EDISON CO	BIG CREEK NO 3	SAN JOAQUIN	106,500	743,500	827
SOUTHERN CALIF EDISON CO	BIG CREEK NO 2 A	BIG CR	80,000	238,500	2,418
SOUTHERN CALIF EDISON CO	BIG CREEK NO 2	BIG CR	57,750	506,600	1,858
SOUTHERN CALIF EDISON CO	BIG CREEK NO 1	BIG CR	67,000	583,600	2,151
SOUTHERN CALIF EDISON CO	BIG CREEK NO 8	SAN JOAQUIN	54,000	309,200	713
PACIFIC GAS AND ELEC CO	BALCH	N FK KINGS	31,000	178,600	2,336
SOUTHERN CALIF EDISON CO	KAWEAH NO 2	KAWEAH	1,800	11,000	367
SOUTHERN CALIF EDISON CO	KAWEAH NO 1	KAWEAH	2,250	14,000	1,326
SOUTHERN CALIF EDISON CO	KAWEAH NO 3	KAWEAH	2,800	24,700	775
SOUTHERN CALIF EDISON CO	TULE	TULE	2,000	17,000	1,140
PACIFIC GAS AND ELEC CO	TULE RIVER	M FK TULE	4,800	24,500	1,532
PACIFIC GAS AND ELEC CO	KERN CANYON	KERN	4,800	59,600	262
SOUTHERN CALIF EDISON CO	KERN RIVER 1	KERN	16,000	173,200	877
SOUTHERN CALIF EDISON CO	BOREL	KERN	8,200	63,800	270

SEE FOOTNOTES AT END OF TABLE

TABLE 4. - INDIVIDUAL EXISTING HYDROELECTRIC PLANTS
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF OWNER	NAME OF PLANT	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CALIFORNIA CONT'D</u>					
SOUTHERN CALIF EDISON CO	KERN RIV 3	KERN	32,000	197,500	821
PASADENA CITY OF	AZUSA	SAN GABRIEL	3,000	14,000	401
SOUTHERN CALIF EDISON CO	ONTARIO NO 3	SAN ANTONIO CR	320	1,100	276
SOUTHERN CALIF EDISON CO	ONTARIO NO 1	SAN ANTONIO CR	600	4,800	700
SOUTHERN CALIF EDISON CO	SIERRA	SAN ANTONIO CR	480	4,000	628
SOUTHERN CALIF EDISON CO	FONTANA	LYTLE CR	1,920	8,800	658
SOUTHERN CALIF EDISON CO	LYTLE CREEK	LYTLE CR	400	4,000	472
SOUTHERN CALIF EDISON CO	SANTA ANA NO 3	SANTA ANA	1,200	7,000	354
SOUTHERN CALIF EDISON CO	SANTA ANA NO 2	SANTA ANA	800	8,000	310
SOUTHERN CALIF EDISON CO	SANTA ANA NO 1	SANTA ANA	2,400	18,000	726
SOUTHERN CALIF EDISON CO	MILL CREEK NO 1	MILL CR	800	4,700	510
SOUTHERN CALIF EDISON CO	MILL CREEK NO 2	MILL CR	200	1,500	620
SOUTHERN CALIF EDISON CO	MILL CREEK NO 3	MILL CR	1,800	14,000	1,911
ESCONDIDO MUTUAL WATER CO	RINCON PWR	SAN LUIS REY	240	300	824
ESCONDIDO MUTUAL WATER CO	BEAR VALLEY	ESCONDIDO CR	520	4,800	400
CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 2	SAN GORGONIO CR	750	1,500	898
CALIFORNIA ELEC PWR CO	SAN GORGONIO NO 1	SAN GORGONIO CR	1,500	3,000	1,773
BUREAU OF RECLAMATION	SIPHON DROP	YUMA CANAL	1,600	15,000	15
IMPERIAL IRRIGATION DIST	DROP NO 4	ALL AMERICAN CANAL	19,600	100,000	50
IMPERIAL IRRIGATION DIST	DROP NO 3	ALL AMERICAN CANAL	4,800	45,000	25
BUREAU OF RECLAMATION	PARKER	COLORADO	120,000	700,000	76
			<u>2,822,447</u>	<u>15,890,701</u>	
<u>PACIFIC TOTAL</u>			<u>6,842,389</u>	<u>44,785,987</u>	
<u>UNITED STATES TOTAL</u>			<u>21,463,872</u>	<u>112,479,008</u>	

* INDUSTRIAL ESTABLISHMENT.

INSTALLATION SHOWN INCLUDES MAIN AND AUXILLIARY GENERATING UNITS.

@ INSTALLED CAPACITY IN POWER HOUSE ON ARIZONA SIDE OF RIVER, 669,900 KW;
ON NEVADA SIDE, 579,900 KW.

% VERNON PLANT:

N.H. - VT. LINE PASSES THROUGH POWER HOUSE; 16,000 KW ON N.H. SIDE,
8,400 KW ON VT. SIDE.

% WILDER PLANT:

N.H. - VT. LINE PASSES THROUGH POWER HOUSE; 16,200 KW IN EACH STATE.

TABLE 5
 INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
 OF EXISTING UTILITY AND INDUSTRIAL HYDROELECTRIC PLANTS - JANUARY 1, 1953

DIVISION AND STATE	By Geographic Divisions and States INSTALLED CAPACITY		AVG. ANNUAL GENERATION	
	KW		1000 KWH	
	UTILITIES	INDUSTRIALS	UTILITIES	INDUSTRIALS
United States	20,457,100	1,006,772	107,729,563	4,749,445
New England	997,627	273,674	3,908,050	1,172,232
Middle Atlantic	1,626,182	79,006	9,538,704	369,970
East North Central	852,142	70,024	3,611,108	352,710
West North Central	592,640	51,477	2,665,198	229,893
South Atlantic	2,366,996	468,279	8,698,250	2,352,940
East South Central	3,354,580	8,000	16,082,800	25,000
West South Central	692,224	3,000	2,356,656	9,130
Mountain	3,181,419	4,213	16,304,360	16,020
Pacific	6,793,290	49,099	44,564,437	221,550
New England				
Maine	269,054	124,661	1,322,679	645,522
New Hampshire	262,184	49,705	871,600	233,870
Vermont	179,402	14,040	732,471	62,120
Massachusetts	182,292	60,449	704,400	171,610
Rhode Island	2,875	7,077	7,100	15,250
Connecticut	101,820	17,742	269,800	43,860
Middle Atlantic				
New York	1,181,522	73,374	7,674,104	342,070
New Jersey	6,350	2,598	38,800	10,940
Pennsylvania	438,310	3,034	1,825,800	16,960
East North Central				
Ohio	10,525	3,349	22,500	13,710
Indiana	35,554	0	120,118	0
Illinois	42,909	5,027	188,158	23,320
Michigan	396,128	14,730	1,658,277	54,090
Wisconsin	367,026	46,918	1,622,055	261,590
West North Central				
Minnesota	144,371	42,613	740,899	195,896
Iowa	141,721	0	821,600	0
Missouri	155,273	0	456,699	0
North Dakota	0	0	0	0
South Dakota	4,621	8,400	21,800	32,437
Nebraska	140,469	464	604,400	1,560
Kansas	6,185	0	19,800	0
South Atlantic				
Delaware	0	600	0	140
Maryland	271,325	772	1,268,100	4,270
District of Columbia	3,000	0	5,000	0
Virginia	226,578	23,428	956,000	86,020
West Virginia	100,880	106,680	436,300	604,500
North Carolina	668,705	298,658	2,647,300	1,509,300
South Carolina	651,945	25,724	1,904,250	86,820
Georgia	431,902	12,417	1,445,100	61,890
Florida	12,661	0	36,200	0
East South Central				
Kentucky	542,060	0	2,333,000	0
Tennessee	1,521,300	0	7,302,600	0
Alabama	1,291,220	8,000	6,447,200	25,000
Mississippi	0	0	0	0
West South Central				
Arkansas	273,740	2,800	958,618	8,700
Louisiana	0	0	0	0
Oklahoma	87,824	0	329,200	0
Texas	330,660	200	1,068,838	430
Mountain				
Montana	603,310	600	4,409,601	2,100
Idaho	634,980	1,265	3,591,661	4,800
Wyoming	107,197	0	549,000	0
Colorado	143,697	1,308	495,400	7,200
New Mexico	24,910	0	98,000	0
Arizona	984,580	200	4,210,200	20
Utah	94,165	0	369,698	0
Nevada	588,580	840	2,580,800	1,900
Pacific				
Washington	3,169,436	30,157	22,663,306	176,100
Oregon	803,319	17,030	6,011,000	44,880
California	2,820,535	1,912	15,890,131	570

TABLE 6

HYDROELECTRIC PLANTS WITH PLANNED ULTIMATE CAPACITIES
OF 100,000 KILOWATTS OR MORE
EXISTING OR UNDER CONSTRUCTION - JANUARY 1, 1953

Name of Plant	River	State	Installed Capacity - Kw		Avg. Annual Generation Ultimate 1000 Kwh
			Existing or Initial	Planned Ultimate	
Grand Coulee ¹	Columbia	Wash.	1,974,000	1,974,000	15,000,000
*Chief Joseph ¹	Columbia	Wash.	1,152,000	1,728,000	8,681,000
*The Dalles ¹	Columbia	Wash.-Oreg.	980,000	1,500,000	7,450,000
Hoover ¹	Colorado	Ariz.-Nev.	1,249,800	1,332,300	5,348,000
*McNary ¹	Columbia	Wash.-Oreg.	980,000	980,000	7,000,000
Bonneville ¹	Columbia	Wash.-Oreg.	522,400	522,400	4,600,000
Wilson ¹	Tennessee	Ala.	436,000	436,000	2,390,000
*Oahe ¹	Missouri	S. Dak.	170,000	425,000	1,850,000
*Garrison ¹	Missouri	N. Dak.	240,000	400,000	1,570,000
Conowingo	Susquehanna	Md.	252,000	396,000	1,620,400
Safe Harbor	Susquehanna	Pa.	230,000	388,000	918,000
Shasta ¹	Sacramento	Calif.	379,000	379,000	1,863,000
*Ross ²	Skagit	Wash.	270,000	360,000	847,000
Schoellkopf	Niagara	N. Y.	334,800	334,800	3,180,000
*Bull Shoals ¹	White	Ark.	160,000	320,000	700,000
*Fort Randall ¹	Missouri	S. Dak.	320,000	320,000	1,236,000
*Hungry Horse ¹	So. Fork Flathead	Mont.	142,500	285,000	1,190,000
*Clark Hill ¹	Savannah	S. Car.-Ga.	280,000	280,000	703,000
Wolf Creek ¹	Cumberland	Ky.	271,200	271,200	867,000
Wheeler ¹	Tennessee	Ala.	259,200	259,200	1,244,000
Diablo ²	Skagit	Wash.	122,400	242,400	997,000
Davis ¹	Colorado	Ariz.-Nev.	225,000	225,000	1,065,000
*Yale	Lewis	Wash.	108,000	216,000	550,000
Pickwick Landing ¹	Tennessee	Tenn.	216,000	216,000	1,329,000
*John H. Kerr ¹	Roanoke	Va.	204,000	204,000	443,000
*Fontana ¹	Little Tennessee	N. Car.	135,000	202,500	850,000
*Cabinet Gorge	Clark Fork	Mont.	100,000	200,000	1,000,000
Saluda	Saluda	S. Car.	130,000	195,000	170,000
Merwin	Lewis	Wash.	91,000	181,000	482,000
Osage	Osage	Mo.	133,200	176,200	375,000
Denison ¹	Red	Okl.-Tex.	71,200	176,200	298,000
Kerr	Flathead	Mont.	112,000	168,000	700,000
*Table Rock ¹	White	Mo.	84,000	168,000	445,000
Fort Peck ¹	Missouri	Mont.	85,000	165,000	924,000
*Folsom ¹	American	Calif.	162,000	162,000	620,000
Kentucky ¹	Tennessee	Ky.	160,000	160,000	1,000,000
Martin	Tallapoosa	Ala.	154,200	154,200	367,000
Gorge ²	Skagit	Wash.	134,400	153,000	683,000
Watts Bar ¹	Tennessee	Tenn.	150,000	150,000	790,000
Comerford	Connecticut	N. H.	140,400	140,400	310,000
Norfolk ¹	North Fork	Ark.	70,400	140,400	172,000
Center Hill ¹	Caney Fork	Tenn.	135,800	135,800	351,000
Rock Island	Columbia	Wash.	67,500	135,000	1,313,000
Pinopolis ²	Santee-Cooper	S. Car.	132,615	132,615	640,000
Big Creek No. 3	San Joaquin	Calif.	106,500	132,000	743,500
Fort Loudon ¹	Tennessee	Tenn.	128,000	128,000	530,000
Pit No. 5	Pit	Calif.	128,000	128,000	826,000
Jordan	Coosa	Ala.	100,000	125,000	559,000
Keokuk	Mississippi	La.	122,800	122,800	765,000
Calderwood	Little Tennessee	Tenn.	121,500	121,500	600,000
Parker ¹	Colorado	Calif.	120,000	120,000	700,000
Cherokee ¹	Holston	Tenn.	60,000	120,000	322,000
Hiwassee ¹	Hiwassee	N. Car.	57,600	115,200	265,000
*Lookout Point ¹	M. Fork Willamette	Oreg.	114,000	114,000	286,000
*Palisades ¹	Snake	Idaho	114,000	114,000	521,400
Rock Creek	No. Fork Feather	Calif.	113,400	113,400	454,000
Douglas ¹	French Broad	Tenn.	86,000	112,000	406,000
Holtwood	Susquehanna	Pa.	111,000	111,000	598,000
Allatoona ¹	Etowah	Ga.	74,000	110,000	169,000
Walters	Big Pigeon	N. Car.	108,000	108,000	306,000
Chickamauga ¹	Tennessee	Tenn.	108,000	108,000	745,000
Cheoah ³	Little Tennessee	Tenn.	102,000	102,000	517,000
Alloy ³	New	W. Va.	102,000	102,000	567,000
Norris ¹	Clinch	Tenn.	100,800	100,800	400,000
*Old Hickory ¹	Cumberland	Tenn.	100,000	100,000	502,000
*Gavins Point ¹	Missouri	Neb.-S. Dak.	100,000	100,000	570,000
*Detroit ¹	No. Santiam	Oreg.	100,000	100,000	340,000
Hales Bar ¹	Tennessee	Tenn.	100,000	100,000	495,000
White River	White	Wash.	62,000	100,000	310,000
Total - 48 Existing Plants			10,318,615	11,686,315	58,810,900
Total - 21 New Plants Under Construction			5,948,000	8,211,000	37,817,400
Grand Total - 69 Plants			16,266,615	19,897,315	96,628,300

NOTES: * Under construction
1 Federally owned plants
2 Non-federal publicly owned plants
3 Industrial plants

TABLE 7
FEDERAL HYDROELECTRIC PLANTS
IN OPERATION, UNDER CONSTRUCTION, AND AUTHORIZED
JANUARY 1, 1953

Name of Plant	River	State	Installed Capacity - Kilowatts			Federal Agency
			Existing	Being Installed	Ultimate	
IN OPERATION						
Dalecarlia	Potomac	D. C.	3,000	-	3,000	C of E 1/
John H. Kerr	Roanoke	Va.	44,000	160,000	204,000	C of E
Allatoona	Etowah	Ga.	74,000	-	110,000	C of E
Kentucky	Tennessee	Ky.	160,000	-	160,000	TVA 2/
Pickwick Landing	Tennessee	Tenn.	216,000	-	216,000	TVA
Wilson	Tennessee	Ala.	436,000	-	436,000	TVA
Wheeler	Tennessee	Ala.	259,200	-	259,200	TVA
Guntersville	Tennessee	Ala.	97,200	-	97,200	TVA
Hales Bar	Tennessee	Tenn.	99,700	-	99,700	TVA
Chickamauga	Tennessee	Tenn.	108,000	-	108,000	TVA
Watts Bar	Tennessee	Tenn.	150,000	-	150,000	TVA
Fort Loudon	Tennessee	Tenn.	128,000	-	128,000	TVA
Columbia	Duck	Tenn.	800	-	800	TVA
Apalachia	Hiwassee	Tenn.	75,000	-	75,000	TVA
Hiwassee	Hiwassee	N. C.	57,600	57,600	115,200	TVA
Ocoee No. 1	Ocoee	Tenn.	18,000	-	18,000	TVA
Ocoee No. 2	Ocoee	Tenn.	19,900	-	19,900	TVA
Ocoee No. 3	Ocoee	Tenn.	27,000	-	27,000	TVA
Blue Ridge	Toccoa	Ga.	20,000	-	20,000	TVA
Norris	Clinch	Tenn.	100,800	-	100,800	TVA
Fontana	Little Tennessee	N. C.	135,000	67,500	202,500	TVA
Douglas	French Broad	Tenn.	86,000	26,000	112,000	TVA
Nolichucky	Nolichucky	Tenn.	10,640	-	10,640	TVA
Cherokee	Holston	Tenn.	60,000	60,000	120,000	TVA
Wilbur	Watauga	Tenn.	10,700	-	10,700	TVA
Watauga	Watauga	Tenn.	50,000	-	50,000	TVA
South Holston	South Holston	Tenn.	35,000	-	35,000	TVA
Great Falls	Caney Fork	Tenn.	31,860	-	31,860	TVA
Center Hill	Caney Fork	Tenn.	135,800	-	135,800	C of E
Dale Hollow	Obey	Tenn.	36,600	18,000	54,600	C of E
Wolf Creek	Cumberland	Ky.	271,200	-	271,200	C of E
Denison	Red	Texas	71,200	-	176,200	C of E
Narrows	Little Missouri	Ark.	17,000	-	25,500	C of E
Norfork	No. Fork White	Ark.	70,400	-	140,400	C of E
Bull Shoals	White	Ark.	120,000	40,000	320,000	C of E
St. Marys Falls	St. Marys	Mich.	16,400	-	47,400	C of E
Angostura	Cheyenne	S. D.	1,200	-	1,200	B of R 3/
Fort Peck	Missouri	Mont.	85,000	-	165,000	C of E
Mammoth	Gardiner	Wyo.	600	-	600	NPS 4/
Pilot Butte	Wind	Wyo.	1,600	-	1,600	B of R
Boysen	Big Horn	Wyo.	15,000	-	15,000	B of R
Shoshone	Shoshone	Wyo.	5,600	-	5,600	B of R
Heart Mountain	Shoshone	Wyo.	5,000	-	5,000	B of R
Seminole	North Platte	Wyo.	32,400	-	43,200	B of R
Kortes	North Platte	Wyo.	36,000	-	36,000	B of R
Guernsey	North Platte	Wyo.	4,800	-	14,800	B of R
Lingle	North Platte	Wyo.	1,400	-	1,400	B of R
Marys Lake	Colo. River Div.	Colo.	8,100	-	8,100	B of R
Estes	Colo. River Div.	Colo.	45,000	-	45,000	B of R
Green Mountain	Blue	Colo.	21,600	-	21,600	B of R
Hoover	Colorado	Ariz.-Nev.	1,249,800 *	-	1,332,300	B of R
Davis	Colorado	Ariz.-Nev.	225,000	-	225,000	B of R
Parker	Colorado	Ariz.-Calif.	120,000	-	120,000	B of R
Coolidge	Gila	Ariz.	10,000	-	10,000	IIS 5/
Siphon Drop	Yuma Canal	Calif.	1,600	-	1,600	B of R
Elephant Butte	Rio Grande	N. M.	24,300	-	24,300	B of R
Minidoka	Snake	Idaho	13,400	-	13,400	B of R
Anderson Ranch	So. Fork Boise	Idaho	27,000	-	40,500	B of R
Boise River	Boise	Idaho	1,500	-	1,500	B of R
Black Canyon	Payette	Idaho	8,000	-	8,000	B of R
Hungry Horse	So. Fork Flathead	Mont.	142,500	142,500	285,000	B of R
Big Creek	Big Creek	Mont.	320	-	320	IIS

TABLE 7 - Cont'd

FEDERAL HYDROELECTRIC PLANTS
IN OPERATION, UNDER CONSTRUCTION, AND AUTHORIZED
JANUARY 1, 1953

Name of Plant	River	State	Installed Capacity - Kilowatts			Federal Agency
			Existing	Being Installed	Ultimate	
IN OPERATION (Cont'd)						
Grand Coulee	Columbia	Wash.	1,974,000	-	1,974,000	B of R
Prosser	Yakima	Wash.	2,400	-	2,400	B of R
Bonneville	Columbia	Wash.-Oreg.	522,400	-	522,400	C of E
Shasta	Sacramento	Calif.	379,000	-	379,000	B of R
Keswick	Sacramento	Calif.	75,000	-	75,000	B of R
Yosemite	Merced	Calif.	2,000	-	2,000	NPS
TOTALS			8,293,520	571,600	9,472,420	
UNDER CONSTRUCTION						
Philpott	Smith	Va.	-	14,000	14,000	C of E
Clark Hill	Savannah	S. C.	-	280,000	280,000	C of E
Buford	Chattahoochee	Ga.	-	40,000	86,000	C of E
Jim Woodruff	Apalachicola	Fla.	-	30,000	30,000	C of E
Nottely	Nottely	Ga.	-	15,000	15,000	TVA
Chatuge	Hiwassee	N. C.	-	10,000	10,000	TVA
Ft. Patrick Henry	So. Fork Holston	Tenn.	-	36,000	36,000	TVA
Boone	So. Fork Holston	Tenn.	-	75,000	75,000	TVA
Old Hickory	Cumberland	Tenn.	-	100,000	100,000	C of E
Cheatham	Cumberland	Tenn.	-	24,000	36,000	C of E
Table Rock	White	Mo.	-	84,000	168,000	C of E
Blakely Mountain	Ouachita	Ark.	-	75,000	75,000	C of E
Tenkiller Ferry	Illinois	Okla.	-	34,000	34,000	C of E
Fort Gibson	Grand-Neosho	Okla.	-	45,000	67,500	C of E
Whitney	Brazos	Texas	-	30,000	30,000	C of E
Falcon	Rio Grande	Texas	-	31,500	31,500	IB & WC &/
Gavins Point	Missouri	Nebr.-S. D.	-	100,000	100,000	C of E
Fort Randall	Missouri	S. D.	-	320,000	320,000	C of E
Oahe	Missouri	S. D.	-	170,000	425,000	C of E
Garrison	Missouri	N. D.	-	240,000	400,000	C of E
Canyon Ferry	Missouri	Mont.	-	50,000	50,000	B of R
Little Porcupine	Missouri	Mont.	-	18,000	18,000	B of R
Alcova	North Platte	Wyo.	-	36,000	36,000	B of R
Pole Hill	Colo. River Div.	Colo.	-	33,250	33,250	B of R
Flatiron	Colo. River Div.	Colo.	-	63,000	63,000	B of R
Palisades	Snake	Idaho	-	114,000	114,000	B of R
Albeni Falls	Pend Oreille	Idaho	-	42,600	42,600	C of E
Chandler	Yakima	Wash.	-	12,000	12,000	B of R
Chief Joseph	Columbia	Wash.	-	1,152,000	1,728,000	C of E
McNary	Columbia	Wash.-Oreg.	-	980,000	980,000	C of E
The Dalles	Columbia	Wash.-Oreg.	-	1,092,000	1,500,000	C of E
Detroit	North Santiam	Oreg.	-	100,000	100,000	C of E
Big Cliff	North Santiam	Oreg.	-	18,000	18,000	C of E
Lookout Point	M. Fork Willamette	Oreg.	-	114,000	114,000	C of E
Dexter	M. Fork Willamette	Oreg.	-	15,000	15,000	C of E
Folsom	American	Calif.	-	162,000	162,000	B of R
Nimbus	American	Calif.	-	13,500	13,500	B of R
TOTALS			-	5,768,850	7,332,350	
AUTHORIZED						
Salem	Rappahannock	Va.	-	-	81,750	C of E
Gathright	Jackson	Va.	-	-	34,000	C of E
Hartwell	Savannah	S. C.-Ga.	-	-	300,000	C of E
Upper Columbia	Chattahoochee	Ga.-Ala.	-	-	104,700	C of E
Millers Ferry	Alabama	Ala.	-	-	100,000	C of E
Jones Bluff	Alabama	Ala.	-	-	100,000	C of E
Howell Mill Shoals	Coosa	Ala.	-	-	99,000	C of E
Stewarts Ferry	Stone	Tenn.	-	-	13,500	C of E
Three Islands	Harpeth	Tenn.	-	-	20,000	C of E

TABLE 7 - Cont'd

FEDERAL HYDROELECTRIC PLANTS
IN OPERATION, UNDER CONSTRUCTION, AND AUTHORIZED
JANUARY 1, 1953

Name of Plant	River	State	Installed Capacity - Kilowatts			Federal Agency
			Existing	Being Installed	Ultimate	
AUTHORIZED (Cont'd)						
Carthage	Cumberland	Tenn.	-	-	92,000	C of E
Celina	Cumberland	Ky.	-	-	64,800	C of E
Jessamine Creek	Kentucky	Ky.	-	-	13,900	C of E
Booneville	So. Fork Kentucky	Ky.	-	-	7,300	C of E
De Gray	Caddo	Ark.	-	-	32,000	C of E
Dardanelle	Arkansas	Ark.	-	-	120,000	C of E
Ozark	Arkansas	Ark.	-	-	80,000	C of E
Short Mountain	Arkansas	Ark.	-	-	160,000	C of E
Webbers Falls	Arkansas	Okla.	-	-	42,000	C of E
Keystone	Arkansas	Okla.	-	-	60,000	C of E
Eufaula	Canadian	Okla.	-	-	90,000	C of E
Markham Ferry	Grand-Neosho	Okla.	-	-	72,000	C of E
Oologah	Verdigris	Okla.	-	-	14,000	C of E
Dam B	Neches	Texas	-	-	3,500	C of E
Rockland	Neches	Texas	-	-	13,500	C of E
McGee Bend	Angelina	Texas	-	-	28,800	C of E
Canyon	Guadalupe	Texas	-	-	30,000	C of E
Red Rock	Des Moines	Iowa	-	-	17,200	C of E
Harlan County	Republican	Nebr.	-	-	2,500	B of R
Big Bend	Missouri	S. D.	-	-	120,000	C of E
Pony Hills (Miller)	Missouri Diversion	S. D.	-	-	180,000	B of R
Des Lacs	Missouri Diversion	N. D.	-	-	60,000	B of R
Crosby	Missouri Diversion	N. D.	-	-	48,000	B of R
Portage	Missouri	Mont.	-	-	20,000	B of R
Kenil	Marias River Canal	Mont.	-	-	1,600	B of R
Tiber	Marias	Mont.	-	-	2,000	B of R
Moorehead	Powder	Mont.	-	-	10,000	B of R
Yellowtail	Big Horn	Mont.	-	-	200,000	B of R
Absaraka (Mission)	Yellowstone	Mont.	-	-	50,000	B of R
Lyon	Madison	Mont.	-	-	24,000	B of R
Glendo	North Platte	Wyo.	-	-	24,000	B of R
Fremont Canyon	North Platte	Wyo.	-	-	48,000	B of R
Tongue River	Tongue	Wyo.	-	-	25,000	B of R
Bald Ridge	Clarks Fork	Wyo.	-	-	30,000	B of R
Thief Creek	Clarks Fork	Wyo.	-	-	60,000	B of R
Hunter Mountain	Clarks Fork	Wyo.	-	-	12,000	B of R
Sunlight	Sunlight Creek	Wyo.	-	-	20,000	B of R
Big Thompson	Colo. River Div.	Colo.	-	-	6,700	B of R
Molina	Colbran Pipe Line	Colo.	-	-	5,000	B of R
Cameo	Colbran Pipe Line	Colo.	-	-	2,400	B of R
Wanship	So. Fork Ogden	Vt.	-	-	1,400	B of R
Gateway	Weber	Vt.	-	-	4,000	B of R
Deer Creek	Provo	Vt.	-	-	5,000	B of R
Libby	Kootenai	Mont.	-	-	618,000	C of E
American Falls	Snake	Idaho	-	-	30,000	B of R
Lower Granite	Snake	Wash.	-	-	275,000	C of E
Little Goose	Snake	Wash.	-	-	325,000	C of E
Lower Monumental	Snake	Wash.	-	-	300,000	C of E
Ice Harbor	Snake	Wash.	-	-	325,000	C of E
Roza	Yakima-Roza Canal	Wash.	-	-	10,000	B of R
Priest Rapids	Columbia	Wash.	-	-	1,590,000	C of E
John Day	Columbia	Wash.-Oreg.	-	-	1,530,000	C of E
Hills Creek	M. Fork Willamette	Oreg.	-	-	20,000	C of E
Table Mountain	Sacramento	Calif.	-	-	150,000	C of E
TOTAL			-	-	7,928,550	
GRAND TOTALS			8,293,520	6,340,450	24,733,320	

- 1/ Corps of Engineers
- 2/ Tennessee Valley Authority
- 3/ Bureau of Reclamation
- 4/ National Park Service
- 5/ Indian Irrigation Service
- 6/ International Boundary and Water Commission

* Installation is in two separate power plants, one on the Arizona side of the Colorado River and the other on the Nevada side, divided as follows:

Arizona	- 669,900 kilowatts
Nevada	- 579,900 kilowatts

TABLE 8

ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES
JANUARY 1, 1953

Totals by Major Drainages and River Basins

Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
United States	87,992,100	378,508,260			
North Atlantic	7,399,400	20,034,800	Great Lakes-St. Lawrence		
South Atlantic	4,012,900	11,234,000	St. Lawrence (Main)	940,500	6,280,000
Eastern Gulf	2,991,900	11,850,500	Missisquoi	40,600	152,000
Ohio River	6,734,000	25,455,100	Lamoille	17,900	41,500
Great Lakes-St. Lawrence	3,355,100	18,195,000	Winooski	69,200	202,000
Hudson Bay	20,200	91,300	Otter Creek	39,100	138,000
Upper Mississippi River	718,300	3,324,500	Poultney	3,600	13,000
Missouri River	9,129,300	43,747,300	Ausable	27,000	114,000
Lower Mississippi River	5,105,000	14,472,700	Saranac	108,400	422,300
Western Gulf	1,001,600	3,128,600	Black	40,000	205,000
Colorado River	5,239,900	25,497,200	Salmon	3,700	-
Great Basin	513,100	2,544,600	Oswego	1,400	4,000
North Pacific	33,994,800	159,322,800	Genesee	242,000	626,500
South Pacific	7,776,600	39,609,800	Oak Orchard Creek	2,400	-
			Niagara	1,250,000	7,900,000
North Atlantic			Au Sable	56,700	156,900
St. John	258,000	1,095,000	St. Marys	31,000	165,000
St. Croix	10,000	40,000	Manistee	89,600	215,100
Penobscot	435,500	1,890,000	Muskegon	31,000	86,900
Kennebec	534,000	1,561,000	Grand	18,700	78,400
Androscoggin	370,000	1,214,000	Kalamazoo	2,200	11,600
Saco	123,000	214,000	St. Joseph	15,200	65,400
Merrimack	322,000	705,000	Fox	45,200	149,600
Connecticut	934,000	2,365,000	Oconto	4,500	22,600
Housatonic	81,300	256,500	Peshtigo	17,200	78,700
Hudson	320,600	818,300	Menominee	65,500	272,000
Delaware	999,900	2,739,200	Tahquamenon	4,500	30,000
Susquehanna	2,124,200	4,588,000	Sturgeon	45,900	55,100
Potomac	771,500	2,330,800	Ontonagon	27,000	126,400
Rappahannock	100,400	176,000	Montreal	11,700	56,000
York	15,000	42,000	Bad	7,800	43,000
			Brule	2,300	16,000
South Atlantic			St. Louis	10,000	57,000
James	319,100	1,158,300	Gooseberry	1,200	4,000
Roanoke	570,500	1,282,500	Beaver Bay	2,500	15,000
Tar	11,500	59,000	Baptism	11,400	60,000
Neuse	41,200	46,000	Poplar	11,900	64,000
Cape Fear	172,100	468,600	Cascade	5,600	26,800
Yadkin-Pee Dee	344,700	1,048,200	Devil Track	5,500	24,700
Santee	687,300	1,930,100	Brule	20,300	109,400
Edisto	15,000	83,600	Pigeon	24,900	107,100
Savannah	1,279,200	3,215,400			
Altamaha	385,000	1,651,100	Hudson Bay		
Satilla	127,300	191,200	Rainy	20,200	91,300
St. Marys	60,000	100,000			
Eastern Gulf					
Apalachicola	892,600	2,868,000	Upper Mississippi River		
Mobile-Alabama	1,973,700	8,695,800	Mississippi (Main)	91,800	487,200
Pascagoula	40,800	96,200	Illinois	84,700	490,200
Pearl	84,800	190,500	Cuivre	4,200	10,000
Ohio River			Salt	35,000	86,800
Ohio (Main)	2,045,000	10,480,000	Des Moines	67,900	263,800
Tennessee	613,600	1,265,400	Skunk	6,800	28,000
Cumberland	569,300	2,243,000	Iowa	113,100	391,300
Wabash	395,000	1,480,000	Rock	46,000	235,400
Green	106,000	328,300	Wapsipincon	2,200	5,900
Salt	4,900	30,300	Maquoketa	7,600	35,600
Kentucky	61,100	245,000	Turkey	2,500	11,800
Licking	272,500	447,000	Wisconsin	74,300	463,300
Little Miami	65,000	127,000	Upper Iowa	2,700	12,600
Big Sandy	50,000	140,000	Root	3,300	15,300
Kanawha	1,252,000	5,804,000	Black	15,400	58,000
Beaver	100,000	140,000	Chippewa	99,000	442,500
Monongahela	910,000	2,244,100	St. Croix	58,900	269,400
Allegheny	289,600	481,000	Minnesota	2,900	17,400

TABLE 8 - Cont'd

ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES
JANUARY 1, 1953

Totals by Major Drainages and River Basins

Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Drainage and River Basin	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
Missouri River			North Pacific (Cont'd)		
Missouri (Main)	4,349,500	21,499,000	Elwha	65,700	522,700
Gasconade	90,000	263,700	Lyre	24,400	205,700
Osage	99,600	309,600	Soleduck	17,700	119,000
Grand	18,000	95,000	Hoh	93,600	755,300
Kansas	122,500	434,000	Queets	27,000	118,300
Platte	1,137,500	4,881,200	Quinalt	42,300	292,400
Niobrara	132,500	568,000	Chehalis	26,800	223,700
White	4,500	6,200	North	20,000	87,600
Cheyenne	43,000	143,000	Columbia Basin:		
Cannonball	3,800	10,500	Columbia (Main)	9,408,500	51,992,000
Yellowstone	2,722,000	13,823,100	Cowlitz	1,263,200	4,654,600
Missouri-Souris Canal	108,000	349,000	Lewis	492,900	1,790,300
Marias	3,600	9,000	Willamette	1,303,300	6,573,200
Sun	20,500	61,000	Sandy	67,100	455,000
Gallatin	20,800	108,000	Little White Salmon	26,900	177,800
Madison	106,500	543,000	White Salmon	57,600	441,000
Jefferson	147,000	644,000	Klickitat	117,500	897,200
Lower Mississippi River			Deschutes	803,500	3,998,200
Mississippi (Main)	1,476,000	4,510,000	Snake	10,408,200	47,001,400
Red	888,600	2,008,900	Yakima	208,000	1,284,900
Big Black	52,300	141,000	Wenatchee	310,700	1,990,500
Yazoo	32,000	121,000	Entiat	5,700	42,900
Arkansas	1,096,600	4,649,000	Chelan	85,300	400,100
White	1,457,000	2,823,800	Okanogan	89,000	266,800
St. Francis	72,500	119,000	Spokane	275,300	1,324,800
Meramec	30,000	100,000	Kettle	44,000	166,400
Western Gulf			Big Sheep Creek	5,600	48,000
Calcasieu	4,900	21,000	Clark Fork	4,107,200	11,785,800
Sabine	50,000	211,000	Kootenai	1,139,000	3,721,200
Neches	45,800	200,100	Total - Columbia Basin	30,218,500	139,012,100
Trinity	11,300	31,600	Nehalem	174,000	761,000
Brazos	219,700	429,900	Wilson	18,100	118,000
Colorado (Tex.)	138,200	371,300	Trask	14,000	95,600
Guadalupe	65,500	122,000	Nestucca	11,600	87,600
Nueces	7,500	28,000	Siletz	49,600	355,400
Rio Grande	458,700	1,713,700	Siuslaw	60,000	281,900
Colorado River			Smith	8,400	36,600
Colorado (Main)	3,562,500	17,290,100	Umpqua	475,800	2,978,300
Gila	141,200	781,000	Coquille	30,700	265,600
All American Canal	52,400	137,200	Rogue	615,200	2,728,700
Williams	4,500	12,600	South Pacific		
Virgin	13,200	62,000	Smith	136,500	702,500
San Juan	352,000	1,583,400	Klamath	1,299,500	7,856,300
Green	744,200	3,360,600	Mad	52,000	240,200
Dolores	9,300	72,300	Eel	282,900	1,928,700
Gunnison	286,700	1,621,000	Sacramento Basin:		
Cottonwood Creek	7,400	59,000	Sacramento (Main)	304,000	1,599,000
Meadow Creek	4,700	41,000	Putah Creek	20,000	44,000
Roaring Fork	51,900	404,500	American	1,078,000	5,202,300
Eagle	7,200	52,000	Feather	1,445,600	6,455,400
Blue	2,700	20,500	Butte Creek	63,600	367,700
Great Basin			Deer Creek	64,000	386,300
Truckee	43,000	185,000	Antelope Creek	16,200	100,200
Carson Lake	48,600	252,000	Clear Creek	66,000	383,000
Walker Lake	31,600	204,000	Spring Creek	75,000	447,000
Owens	94,900	523,400	Pit	429,800	2,164,000
Great Salt Lake	295,000	1,380,200	Total - Sacramento Basin	3,562,200	17,148,900
North Pacific			San Joaquin Basin:		
Nooksack	53,300	363,600	San Joaquin (Main)	249,400	1,181,000
Whatcom Creek	16,800	134,400	Mokelumne	33,000	117,200
Skagit	1,061,600	4,485,700	Stanislaus	258,800	1,523,000
Stillaquamish	135,100	825,400	Tuolumne	367,700	2,254,200
Snohomish	433,000	2,557,600	Merced	5,000	24,900
Puyallup	170,000	994,100	Chiquito Creek	65,300	271,700
Nisqually	31,300	243,500	Jackass Creek	42,500	178,800
Hood Canal	75,900	513,100	Middle Fork San Joaquin	61,100	244,900
Dungeness	24,400	159,900	Total - San Joaquin Basin	1,082,800	5,795,700
			Tulare Lake	934,000	3,945,200
			Buena Vista Lake	389,500	1,849,000
			Santa Clara	23,000	70,000
			Santa Ana	14,200	73,300

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NORTH ATLANTIC</u>						
<u>ST JOHN</u>						
	WASHBURN	AROOSTOOK	MAINE	25,000	75,000	75
	FISH RIVER	ST JOHN	MAINE	33,000	120,000	167
	CROSS ROCK RAPIDS	ST JOHN	MAINE	200,000	900,000	255
				258,000	1,095,000	
<u>ST CROIX</u>						
	MILLTOWN	ST CROIX	MAINE	10,000	40,000	90
				10,000	40,000	
<u>PENOBSCOT</u>						
	MARSH ISLAND	PENOBSCOT	MAINE	5,000	34,000	17
	BANGOR	PENOBSCOT	MAINE	160,000	620,000	137
	COSTIGAN	PENOBSCOT	MAINE	10,000	60,000	30
	HOWLAND	PISCATAQUIS	MAINE	15,000	80,000	85
	STANFORD	PENOBSCOT	MAINE	30,000	108,000	30
	WINN	PENOBSCOT	MAINE	21,000	80,000	28
	GORDON FALLS	MATTAWAMKEAG	MAINE	30,000	105,000	97
	DEASCONAEG	W BR PENOBSCOT	MAINE	10,000	49,000	33
	POCKWOCKAMUS	W BR PENOBSCOT	MAINE	12,000	65,000	45
	SOURDNAHUNK	W BR PENOBSCOT	MAINE	12,000	63,000	45
	AMBEJACKAMUS	W BR PENOBSCOT	MAINE	17,000	68,000	50
	RIPOGENUS	W BR PENOBSCOT	MAINE	60,000	360,000	270
	LEDGE FALLS	E BR PENOBSCOT	MAINE	7,000	25,000	25
	GRINDSTONE	E BR PENOBSCOT	MAINE	13,500	50,000	45
	WHETSTONE	E BR PENOBSCOT	MAINE	8,000	23,000	50
	SPENCER RAPIDS	E BR PENOBSCOT	MAINE	7,000	23,000	50
	STAIR FALLS	E BR PENOBSCOT	MAINE	18,000	77,000	175
				435,500	1,890,000	
<u>KENNEBEC</u>						
R	AUGUSTA	KENNEBEC	MAINE	42,000	130,000	32
A	WATERVILLE LOWER	KENNEBEC	MAINE	15,000	50,000	21
R	WATERVILLE UPPER	KENNEBEC	MAINE	26,000	82,000	36
R	SHAWMUT	KENNEBEC	MAINE	25,000	76,000	33
A	WESTON	KENNEBEC	MAINE	3,000	24,000	32
A	MADISON LOWER	KENNEBEC	MAINE	28,000	116,000	44
R	ANSON	KENNEBEC	MAINE	14,000	33,000	32
	NEW PORTLAND	CARRABASSETT	MAINE	6,000	20,000	75
	CARATUNK	KENNEBEC	MAINE	120,000	300,000	150
	POPLAR FALLS	DEAD	MAINE	45,000	100,000	130
	HURRICANE	DEAD	MAINE	90,000	220,000	310
	INDIAN POND	KENNEBEC	MAINE	120,000	410,000	330
				534,000	1,561,000	
<u>ANDROSCOGGIN</u>						
R	BRUNSWICK	ANDROSCOGGIN	MAINE	20,000	78,000	38
R	LISBON FALLS	ANDROSCOGGIN	MAINE	28,000	115,000	47
R	LEWISTON	ANDROSCOGGIN	MAINE	26,000	96,000	55
	RAM ISLAND	ANDROSCOGGIN	MAINE	30,000	68,000	49
R	JAY	ANDROSCOGGIN	MAINE	22,000	69,000	42
R	RUMFORD	ANDROSCOGGIN	MAINE	69,000	193,000	206
R	PHILBROOK	ANDROSCOGGIN	MAINE	23,000	85,000	75
R	BERLIN	ANDROSCOGGIN	N. H.	70,000	170,000	370
	PONTOOK	ANDROSCOGGIN	N. H.	36,000	130,000	114
	UMBAGOG	ANDROSCOGGIN	N. H.	20,000	70,000	65
	AZISCOHOS	MAGALLOWAY	MAINE	14,000	50,000	265
	RICHARDSON	RAPID	MAINE	8,000	60,000	178
	KENNEBAGO	KENNEBAGO	MAINE	4,000	30,000	309
				370,000	1,214,000	
<u>SACO</u>						
A	CATARACT	SACO	MAINE	10,000	40,000	43
R	BONNY EAGLE	SACO	MAINE	13,000	44,000	56
	STEEP FALLS	SACO	MAINE	20,000	60,000	38
R	HIRAM FALLS	SACO	MAINE	80,000	70,000	103
				123,000	214,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
MERRIMACK						
R	LAWRENCE	MERRIMACK	MASS.	21,000	40,000	30
R	LOWELL	MERRIMACK	MASS.	24,000	83,000	50
	MOORES FALLS	MERRIMACK	N. H.	25,000	70,000	35
R	AMOSKEAG	MERRIMACK	N. H.	24,000	53,000	52
	PENACOOK	MERRIMACK	N. H.	80,000	160,000	134
R	GARVINS FALLS	MERRIMACK	N. H.	40,000	45,000	41
	BLACKWATER	BLACKWATER	N. H.	14,000	22,000	220
	ROBY	WARNER	N. H.	2,000	8,000	140
	LONG FALLS	CONTOOCOOK	N. H.	16,000	41,000	137
	STODDARD NO 1	N BR CONTOOCOOK	N. H.	6,000	7,000	268
	WEST PETERBORO	CONTOOCOOK	N. H.	1,000	2,000	100
	TILTON	WINNIPESAUKEE	N. H.	10,000	30,000	95
R	EASTMAN FALLS	PEMIGEWASSET	N. H.	30,000	65,000	75
	BRISTOL	NEWFOUND	N. H.	2,000	6,000	80
	NEWFOUND LAKE	NEWFOUND	N. H.	3,000	9,000	135
	LIVERMORE FALLS	PEMIGEWASSET	N. H.	24,000	64,000	136
				322,000	705,000	
CONNECTICUT						
	ENFIELD	CONNECTICUT	CONN.	42,000	247,000	42
	HUNTINGTON	WESTFIELD	MASS.	6,000	25,000	115
	KNIGHTVILLE	WESTFIELD	MASS.	10,000	20,000	115
A	HOLYOKE	CONNECTICUT	MASS.	45,000	150,000	54
	BARDWELL	DEERFIELD	MASS.	20,000	70,000	100
	CHARLEMONT	DEERFIELD	MASS.	20,000	50,000	105
	ZOAR	DEERFIELD	MASS.	20,000	50,000	140
	RAKE BRANCH	DEERFIELD	VT.	4,000	7,000	120
R	TURNERS FALLS	CONNECTICUT	MASS.	60,000	150,000	82
	ERVING	MILLERS	MASS.	30,000	80,000	290
	TULLY	MILLERS	MASS.	20,000	30,000	177
	SOUTH ROYALSTON	MILLERS	MASS.	10,000	20,000	126
	HINSDALE	ASHUELOT	N. H.	16,000	60,000	210
	HAMMOND HOLLOW	ASHUELOT	N. H.	8,000	16,000	250
	STILLWATER	ASHUELOT	N. H.	3,000	6,000	110
	ASHUELOT POND	ASHUELOT	N. H.	3,000	6,000	260
R	VERNON	CONNECTICUT	N. H.-VT.	35,600	60,000	38
	WILLIAMSVILLE	WEST	VT.	120,000	110,000	250
	BALL MOUNTAIN	WEST	VT.	20,000	70,000	340
U	BELLOWS FALLS	CONNECTICUT	VT.	0	60,000	62
R	SPRINGFIELD	BLACK	VT.	6,000	20,000	122
	PERKINSVILLE	BLACK	VT.	10,000	30,000	220
R	CLAREMONT	SUGAR	N. H.	5,000	18,000	120
	NORTHVILLE	SUGAR	N. H.	8,000	36,000	250
	HART ISLAND	CONNECTICUT	N. H.-VT.	30,000	120,000	28
	NORTH HARTLAND	OTTAUQUECHEE	VT.	90,000	140,000	172
	LAKE MASCOMA	MASCOMA	N. H.	4,000	15,000	150
	GAYSVILLE	WHITE	VT.	20,000	51,000	240
	UNION VILLAGE	OMPOMPANOOSUC	VT.	2,000	8,000	100
	BRADFORD	WAITS	VT.	3,000	10,000	76
	SOUTH BRANCH	WAITS	VT.	4,000	11,000	250
	WELLS RIVER	CONNECTICUT	N. H.-VT.	20,000	60,000	29
	BOLTONVILLE NO 2	WELLS	VT.	2,000	8,000	100
	BOLTONVILLE NO 1	WELLS	VT.	2,000	5,000	67
	GROTON POND	WELLS	VT.	2,000	4,000	250
	BATH NO 2	AMMONOOSUC	N. H.	10,000	25,000	65
	BATH NO 1	AMMONOOSUC	N. H.	6,000	15,000	55
	SWIFTWATER	AMMONOOSUC	N. H.	2,000	15,000	250
	EAST BARNET	PASSUMPSIC	VT.	4,000	13,000	35
R	PASSUMPSIC	PASSUMPSIC	VT.	2,000	3,000	26
	GAGE	PASSUMPSIC	VT.	2,000	4,000	25
R	ARNOLD	PASSUMPSIC	VT.	3,000	9,000	37
	LYNDONVILLE	PASSUMPSIC	VT.	3,000	10,000	80
R	EAST BURKE	PASSUMPSIC	VT.	4,000	8,000	140
	UPPER 15 MILE FALLS	CONNECTICUT	N. H.	140,400	240,000	160
	COOS	CONNECTICUT	N. H.-VT.	24,000	100,000	120
	BLOOMFIELD	NULHEGAN	VT.	3,000	8,000	100
R	CANAAN	CONNECTICUT	VT.	6,000	12,000	50
	BEECHER FALLS	CONNECTICUT	N. H.	12,000	40,000	130
	LAKE FRANCIS	CONNECTICUT	N. H.	12,000	40,000	190
				934,000	2,365,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
HOUSATONIC						
	THOMASTON	NAUGATUCK	CONN.	6,000	10,000	115
	SHELTON	HOUSATONIC	CONN.	13,000	40,000	32
	SHEPAUG	HOUSATONIC	CONN.	37,300	117,000	97
	BOURDMAN	HOUSATONIC	CONN.	8,000	30,500	40
	WEBATUCK	TENMILE	N. Y.	2,000	10,000	94
	KENT FURNACE	HOUSATONIC	CONN.	10,000	31,000	46
	CANAAN	HOUSATONIC	CONN.	5,000	18,000	38
				81,300	256,500	
HUDSON						
	EDDYVILLE	WALLKILL	N. Y.	2,000	7,400	15
	GARDINER	WALLKILL	N. Y.	4,000	15,900	38
	NEVERSINK	ROUNDOUT CR	N. Y.	25,000	120,000	524
R	STUYVESANT	KINDERHOOK	N. Y.	2,900	7,200	129
	EAST NASSAU	KINDERHOOK	N. Y.	3,500	15,600	180
R	GREEN ISLAND	HUDSON	N. Y.	10,200	36,000	16
A	INGHAMS	E CANADA CR	N. Y.	3,200	4,800	124
	WATERFORD	HUDSON	N. Y.	15,000	49,800	14
R	LOWER MECHANICVILLE	HUDSON	N. Y.	4,900	24,000	18
R	UPPER MECHANICVILLE	HUDSON	N. Y.	7,600	15,000	23
R	STILLWATER	HUDSON	N. Y.	6,400	20,400	9
R	GREENWICH	BATTEN KILL	N. Y.	7,400	38,000	106
	SHUSHAN	BATTEN KILL	N. Y.	2,100	10,200	65
R	THOMPSON	HUDSON	N. Y.	6,100	28,000	18
	FORT MILLER	HUDSON	N. Y.	5,700	20,400	10
R	FORT EDWARD	HUDSON	N. Y.	3,200	16,400	21
R	MOREAU	HUDSON	N. Y.	39,000	87,000	76
R	GLENS FALLS	HUDSON	N. Y.	18,000	40,000	45
A	SPIER FALLS	HUDSON	N. Y.	37,600	46,500	84
R	PALMER FALLS	HUDSON	N. Y.	59,000	133,000	87
R	CORINTH	HUDSON	N. Y.	17,800	29,000	27
	HADLEY	SACANDAGA	N. Y.	30,000	45,000	60
A	E J WEST	SACANDAGA	N. Y.	10,000	8,700	75
				320,600	818,300	
DELAWARE						
	YARDLEY	DELAWARE	N. J.-PA.	60,000	290,000	45
	LUMBERVILLE	DELAWARE	N. J.-PA.	60,000	260,000	50
	RIEGELVILLE	DELAWARE	N. J.-PA.	60,000	260,000	50
	MAUCH CHUNK	LEHIGH	PA.	150,000	325,000	1,060
	CHESTNUT HILL	DELAWARE	N. J.-PA.	40,000	180,000	45
	BELVIDERE	DELAWARE	N. J.-PA.	170,000	450,000	120
	FLAT BROOK	FLAT BROOK	PA.	230,000	350,000	260
	WALLPACK BEND	DELAWARE	N. J.-PA.	60,000	130,000	90
	OAKLAND VALLEY	NEVERSINK	N. Y.	9,700	46,000	210
	DENTON FALLS	NEVERSINK	N. Y.	14,900	67,000	360
	WOODBURNE	NEVERSINK	N. Y.	3,000	10,300	115
	DELAWARE	MONGAUP	N. Y.	10,000	35,000	160
	BARRYVILLE	DELAWARE	N. J.-PA.	29,700	125,600	70
A	WALLENPAUPACK	LACKAWAXEN	PA.	40,000	0	370
	NARROWSBURG	DELAWARE	N. J.-PA.	15,900	64,000	40
	HANCOCK	E BR DELAWARE	N. Y.	10,300	39,000	65
	EAST BRANCH	E BR DELAWARE	N. Y.	6,100	15,000	83
	LEWBEACH	BEAVERKILL	N. Y.	3,000	9,000	118
	LIVINGSTON	WILLOWMOC	N. Y.	3,200	9,000	120
	CANONSVILLE	W BR DELAWARE	N. Y.	20,000	67,000	175
	DELHI	LITTLE DELAWARE	N. Y.	4,100	7,300	160
				999,900	2,739,200	
SUSQUEHANNA						
A	CONOWINGO	SUSQUEHANNA	MD.	144,000	384,000	88
A	SAFE HARBOR	SUSQUEHANNA	PA.	158,000	0	54
R	SHOCKS MILLS	SUSQUEHANNA	PA.	138,000	550,000	60
	MARYSVILLE	SUSQUEHANNA	PA.	180,000	523,000	32
	VINEYARD	JUNIATA	PA.	24,000	93,000	53
	RAYSTOWN	RAYSTOWN BR	PA.	189,000	120,000	188
	HALF FALLS	SUSQUEHANNA	PA.	160,000	850,000	75
	MUNCY	W BR SUSQUEHANNA	PA.	60,000	233,000	38
	CAMMAL	PINE CR	PA.	85,000	130,000	235
	BLANCHARD	BALD EAGLE CR	PA.	10,000	18,700	66
	LOCK HAVEN	W BR SUSQUEHANNA	PA.	80,000	211,700	82
	KETTLE CREEK	KETTLE CR	PA.	16,000	30,000	150
	FIRST FORK	FIRST FK	PA.	18,000	35,600	164

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SUSQUEHANNA CONT'D</u>						
	KEATING	W BR SUSQUEHANNA	PA.	575,000	550,000	353
	CURWENSVILLE	W BR SUSQUEHANNA	PA.	25,000	46,600	123
	FALLS	SUSQUEHANNA	PA.	250,000	760,000	150
	HALLSTEAD	SUSQUEHANNA	PA.	12,200	52,400	36
				2,124,200	4,588,000	
<u>POTOMAC</u>						
	OCCOQUAN	OCCOQUAN	VA.	17,500	46,800	165
	CHAIN BRIDGE	POTOMAC	VA.	120,000	442,000	75
	BEAR ISLAND	POTOMAC	MD.-VA.	100,000	268,000	74
	RIVERBEND	POTOMAC	MD.-VA.	150,000	444,000	77
	HARPERS FERRY	POTOMAC	VA.	90,000	333,000	67
	MILLVILLE	SHEMANDOAH	W. VA.	90,000	219,000	156
	ROCKY MARSH	POTOMAC	W. VA.	22,000	82,000	26
	PLINESBURG	POTOMAC	W. VA.	44,000	141,000	52
	EDES FORT	CACAPON	W. VA.	24,000	68,000	222
	ORLEANS	POTOMAC	MD.-VA.	40,000	96,000	54
	SPRINGFIELD	S BR POTOMAC	W. VA.	60,000	124,000	178
	ROYAL GLEN	S BR POTOMAC	W. VA.	14,000	67,000	187
				771,500	2,330,800	
<u>RAPPAHANNOCK</u>						
R	FREDERICKSBURG	RAPPAHANNOCK	VA.	18,600	34,000	63
	SALEM CHURCH	RAPPAHANNOCK	VA.	81,800	142,000	156
				100,400	176,000	
<u>YORK</u>						
	GOODALL	SOUTH ANNA	VA.	5,100	15,000	90
	ROCK FALLS	NORTH ANNA	VA.	5,900	16,000	74
	DILLARDS MILL	NORTH ANNA	VA.	4,000	11,000	60
				15,000	42,000	
	<u>NORTH ATLANTIC TOTAL</u>			<u>7,399,400</u>	<u>20,034,800</u>	
<u>SOUTH ATLANTIC</u>						
<u>JAMES</u>						
R	12TH STREET	JAMES	VA.	10,500	68,000	28
R	BELLE ISLE	JAMES	VA.	16,600	84,000	37
R	BOULEVARD	JAMES	VA.	19,900	102,000	32
	BOSHER	JAMES	VA.	24,000	126,000	32
	PEMBERTON	JAMES	VA.	108,000	360,000	99
	ROCK HOUSE	JAMES	VA.	12,000	74,000	29
	JOSHUA FALLS	JAMES	VA.	16,000	82,000	44
R	BALCONY FALLS	JAMES	VA.	14,100	74,300	50
	MAURY	NORTH	VA.	36,000	53,000	298
	LYLE	JAMES	VA.	10,000	57,000	46
	HIPIES	CRAIG CR	VA.	18,000	27,000	143
	GATHRIGHT	JACKSON	VA.	34,000	51,000	252
				319,100	1,158,300	
<u>ROANOKE</u>						
	ROANOKE RAPIDS	ROANOKE	N. C.	91,000	294,000	78
	GASTON	ROANOKE	N. C.	116,000	318,000	69
A	JOHN H KERR	ROANOKE	VA.	160,000	91,000	97
R	SCHOOLFIELD	DAN	VA.	24,500	80,000	88
	STUART	SMITH	VA.	15,000	40,000	118
	PHILPOTT	SMITH	VA.	14,000	24,500	163
	RANDOLPH	ROANOKE	VA.	30,000	100,000	71
	MELROSE	ROANOKE	VA.	40,000	130,000	108
	TABER	ROANOKE	VA.	15,000	50,000	43
	LEESVILLE	ROANOKE	VA.	15,000	55,000	66
	SMITH MOUNTAIN	ROANOKE	VA.	50,000	100,000	200
				570,500	1,282,500	
<u>TAR</u>						
	PROJECT NO 4	TAR	N. C.	3,500	19,300	27
	PROJECT NO 3	TAR	N. C.	4,000	19,700	55
	PROJECT NO 2	TAR	N. C.	4,000	20,000	65
				11,500	59,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>NEUSE</u>						
	BAKERS MILLS	LITTLE	N. C.	3,200	2,600	35
	SMITHFIELD	NEUSE	N. C.	9,000	14,300	21
	WILSON MILLS	NEUSE	N. C.	8,500	9,700	40
	MILBURNIE	NEUSE	N. C.	9,500	8,500	40
	FALLS	NEUSE	N. C.	11,000	10,900	50
				<u>41,200</u>	<u>46,000</u>	
<u>CAPE FEAR</u>						
	SMILEY FALLS	CAPE FEAR	N. C.	23,800	84,200	40
	LILLINGTON	CAPE FEAR	N. C.	27,000	95,000	45
	LOCKVILLE	DEEP	N. C.	15,400	38,000	49
	NEW HOPE	HAW	N. C.	33,500	76,000	70
	MOORES MILL	HAW	N. C.	22,400	56,000	70
	BYNUM	HAW	N. C.	29,600	65,000	90
	MANDALE	HAW	N. C.	22,400	54,400	80
				<u>172,100</u>	<u>468,600</u>	
<u>YADKIN PEE DEE</u>						
	MORVEN	PEE DEE	N. C.	30,000	125,300	34
	GREATER BLEWETT	PEE DEE	N. C.	45,400	186,000	80
	CRUMPS FORD	ROCKY	N. C.	33,000	81,500	135
	NANCES FORD	ROCKY	N. C.	5,200	19,400	68
	LOVES FORD	ROCKY	N. C.	11,500	36,000	108
	TUCKERTOWN	YADKIN	N. C.	45,000	152,000	57
	COOLEEMEE	SOUTH YADKIN	N. C.	15,100	22,600	86
	JUNCTION	YADKIN	N. C.	36,000	108,800	71
	STYERS	YADKIN	N. C.	24,000	103,500	85
	UPPER DONNAHA	YADKIN	N. C.	58,800	124,900	124
	ELKIN	YADKIN	N. C.	17,400	43,500	77
	WILKESBORO	YADKIN	N. C.	23,300	44,700	149
				<u>344,700</u>	<u>1,048,200</u>	
<u>SANTEE</u>						
	BUCKINGHAM LANDING	SANTEE	S. C.	85,000	500,000	55
	COURTNEY ISLAND	CATAWBA	S. C.	47,100	150,000	56
	SUGAR CREEK	CATAWBA	S. C.	21,500	65,100	32
	LINCOLNTON	SOUTH FK	N. C.	6,900	8,300	83
	COWANS FORD	CATAWBA	N. C.	81,300	136,000	112
	MORGANTON	CATAWBA	N. C.	26,900	52,200	70
	REREGULATOR	CONGAREE	S. C.	29,300	113,000	42
	FROST SHOALS	BROAD	S. C.	96,000	230,000	75
	BLAIRS	BROAD	S. C.	77,300	196,000	81
	BURNT FACTORY	TIGER	S. C.	8,100	31,000	90
	NESBIT	TIGER	S. C.	7,000	26,000	98
	GREATER LOCKHART	BROAD	S. C.	14,000	80,000	48
	TROUGH	PACOLET	S. C.	3,200	13,000	45
	GREATER CHEROKEE	BROAD	S. C.	12,000	50,000	36
	GREATER GASTON	BROAD	S. C.	15,700	84,000	105
	CLINCHFIELD	BROAD	N. C.	25,000	59,000	140
	TURNER	GREEN	N. C.	3,000	6,500	87
	FOSTER	GREEN	N. C.	10,000	21,000	115
	SALUDA	GREEN	N. C.	50,000	100,000	687
	TUXEDO	GREEN	N. C.	3,000	9,000	296
	A SALUDA	SALUDA	S. C.	65,000		180
				<u>687,300</u>	<u>1,930,100</u>	
<u>EDISTO</u>						
	WALTERBORO	EDISTO	S. C.	15,000	83,600	80
				<u>15,000</u>	<u>83,600</u>	
<u>SAVANNAH</u>						
	TILLMAN	SAVANNAH	GA.-S. CAR.	56,000	232,900	30
	BRIER CREEK	SAVANNAH	GA.-S. CAR.	100,000	391,600	53
	NEW SAVANNAH	SAVANNAH	GA.-S. CAR.	19,000	90,800	15
	OLMSTEAD	SAVANNAH	GA.-S. CAR.	144,000	253,000	45
	CLARK HILL	SAVANNAH	S. C.	280,000	703,000	143
	ANTHONY SHOALS	BROAD	GA.	24,000	62,200	65
	TALLOW HILL	BROAD	GA.	45,000	119,400	190
	GOAT ISLAND	SAVANNAH	GA.-S. CAR.	60,200	270,500	95
	MIDDLETON SHOALS	SAVANNAH	GA.-S. CAR.	26,000	117,300	45
	HARTWELL	SAVANNAH	GA.-S. CAR.	300,000	453,000	185
	NEWRY	KEOWEE	S. C.	32,000	80,700	140
	TOXAWAY	TOXAWAY	S. C.	90,000	186,000	2,147

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
SAVANNAH CONT'D						
	CAMP CREEK	CHATTOOGA	GA.-S. CAR.	26,000	63,000	130
	ROGUES FORD	CHATTOOGA	GA.-S. CAR.	38,000	95,100	296
	SAND BOTTOM	CHATTOOGA	GA.-S. CAR.	19,000	47,700	142
	WAR WOMAN	CHATTOOGA	GA.-S. CAR.	20,000	49,200	182
				1,279,200	3,215,400	
ALTAMAHA						
	GOOSE CREEK	ALTAMAHA	GA.	120,000	486,300	65
	CYPRESS BRANCH	OCONEE	GA.	15,000	118,200	29
	ROCKLEDGE	OCONEE	GA.	18,000	136,200	37
	DUBLIN	OCONEE	GA.	18,000	130,800	37
	TOOMSBORO	OCONEE	GA.	14,000	100,600	36
	MILLEDGEVILLE	OCONEE	GA.	9,000	62,200	23
	SINCLAIR	OCONEE	GA.	45,000	150,000	90
	MURDER CREEK	MURDER CR	GA.	60,000	125,900	131
	MONTICELLO	SHOAL CR	GA.	12,000	59,000	70
	LAURENS SHOALS	OCONEE	GA.	32,000	118,200	104
	HIGH SHOALS	APALACHEE	GA.	2,600	10,700	115
	BARNETT SHOALS	OCONEE	GA.	7,200	23,300	68
	MITCHELL BRIDGE	MIDDLE OCONEE	GA.	2,300	11,700	35
	TALASSEE	MIDDLE OCONEE	GA.	8,500	32,500	100
	JACKSON BRIDGE	TOWALIGA	GA.	3,200	13,800	74
	FACTORY SHOALS	ALCOVY	GA.	4,000	20,600	111
	ALMON	YELLOW	GA.	3,000	9,300	42
	IRWIN BRIDGE	YELLOW	GA.	3,000	7,900	56
	SNAPPING SHOALS	SOUTH	GA.	4,000	18,600	54
	PEACHSTONE	SOUTH	GA.	4,200	15,300	66
				385,000	1,651,100	
SATILLA						
	ST MARYS SATILLA	SATILLA	GA.	100,000	133,000	51
	HURRICANE	SATILLA	GA.	12,400	23,400	32
	WAYCROSS	SATILLA	GA.	9,600	22,100	35
	PEARSON	SATILLA	GA.	5,300	12,700	34
				127,300	191,200	
ST MARYS						
	MACCLENNY	ST MARYS	FLA.	60,000	100,000	61
				60,000	100,000	
SOUTH ATLANTIC TOTAL				4,012,900	11,234,000	
EASTERN GULF						
APALACHICOLA						
	JIM WOODRUFF	APALACHICOLA	FLA.	30,000	226,300	33
	UPPER COLUMBIA	CHATTAAHOOCHEE	ALA.-GA.	104,700	460,000	88
	FORT BENNING	CHATTAAHOOCHEE	ALA.-GA.	25,000	70,000	24
	COLUMBUS	CHATTAAHOOCHEE	GA.	26,200	76,900	33
	NORTH HIGHLAND	CHATTAAHOOCHEE	GA.	122,900	391,000	113
	GOAT ROCK	CHATTAAHOOCHEE	GA.	34,000	84,000	65
	FLAT SHOAL	CHATTAAHOOCHEE	ALA.-GA.	31,000	101,800	80
	LANIER	CHATTAAHOOCHEE	GA.	66,700	199,600	71
	FRANKLIN	CHATTAAHOOCHEE	GA.	40,000	140,000	70
	CEDAR CREEK	CHATTAAHOOCHEE	GA.	35,000	90,000	55
	VININGS	CHATTAAHOOCHEE	GA.	18,200	52,900	43
	MORGAN FALLS	CHATTAAHOOCHEE	GA.	41,200	103,300	117
	BUFORD	CHATTAAHOOCHEE	GA.	86,000	155,000	150
	LOWER VADA	FLINT	GA.	16,000	113,600	49
	RACCOON CREEK	FLINT	GA.	4,900	41,600	27
	ALBANY	FLINT	GA.	13,800	28,200	30
	ABRAMS CREEK	FLINT	GA.	11,800	41,300	20
	CRISP COUNTY	FLINT	GA.	5,900	5,000	32
	MOUNTAIN CREEK	FLINT	GA.	21,000	67,600	36
	MIONA	FLINT	GA.	19,000	57,900	48
	LAKE AUCHUMPEE	FLINT	GA.	43,000	115,800	97
	LIZA CREEK	FLINT	GA.	39,700	115,400	126
	SPEWRELL BLUFF	FLINT	GA.	56,600	130,800	172
				892,600	2,868,000	
MOBILE ALABAMA						
	FORT STODDARD	MOBILE	ALA.	180,000	1,358,700	40
	DEMOPOLIS	TOMBIGBEE	ALA.	35,000	150,000	38

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MOBILE ALABAMA CONT'D</u>						
	TUSCALOOSA	WARRIOR	ALA.	16,000	103,000	30
	NORTH RIVER	NORTH	ALA.	14,000	51,000	146
	LOCK AND DAM NO 13	WARRIOR	ALA.	36,000	237,000	62
	LOCK AND DAM NO 17	WARRIOR	ALA.	38,000	253,000	69
	SAYRE	LOCUST FK	ALA.	10,000	53,000	70
	SMITH FORD	LOCUST FK	ALA.	22,000	78,000	155
	AUSTIN CREEK	LOCUST FK	ALA.	7,300	24,900	109
	BLOUNTSVILLE	LOCUST FK	ALA.	11,400	27,000	134
	HANBY MILL	MULBERRY FK	ALA.	12,300	32,500	98
	NEW HOPE	SIPSEY FK	ALA.	92,000	171,000	230
B	BELOW STATE LINE	TOMBIGBEE	ALA.	100,000	630,000	85
B	ABOVE STATE LINE	TOMBIGBEE	MISS.	200,000	1,270,000	172
	MILLERS FERRY	ALABAMA	ALA.	100,000	472,000	40
	JONES BLUFF	ALABAMA	ALA.	100,000	465,000	50
	MONTGOMERY	ALABAMA	ALA.	80,000	398,000	30
	WALLAHATCHIE	TALLAPOOSA	ALA.	36,000	118,000	40
R	THURLOW	TALLAPOOSA	ALA.	25,000	0	89
R	UPPER TALLASEE	TALLAPOOSA	ALA.	16,000	16,000	55
	EMUCKFAW	TALLAPOOSA	ALA.	96,000	329,000	170
	CROOKED CREEK	TALLAPOOSA	ALA.	44,000	185,000	140
	OAKFUSKEE	TALLAPOOSA	ALA.	16,000	56,000	100
A	JORDAN	COOSA	ALA.	25,000	0	89
A	MITCHELL	COOSA	ALA.	67,500	219,000	67
	HATCHET CREEK	HATCHET CR	ALA.	18,000	53,000	158
R	LAY	COOSA	ALA.	133,200	431,100	93
	WAXAHATCHEE	WAXAHATCHEE CR	ALA.	2,600	8,000	68
	HOWELL MILL SHOALS	COOSA	ALA.	99,000	348,000	63
	PATLAY	COOSA	ALA.	54,000	229,000	40
	MURRAY CROSS	COOSA	ALA.	32,000	133,000	30
	TERRAPIN	TERRAPIN CR	ALA.	2,600	9,700	65
	LITTLE RIVER	LITTLE	ALA.	14,500	46,100	440
	MILLS CREEK	MILLS CR	ALA.	4,600	12,000	83
	SEWELL FERRY	COOSA	ALA.	24,000	99,000	29
	KINGSTON	ETOWAH	GA.	26,000	106,000	72
A	ALLATOONA	ETOWAH	GA.	36,000	0	146
	CANTON	ETOWAH	GA.	11,400	41,800	67
	GILMER	ETOWAH	GA.	30,000	68,000	160
	ARMUCHEE	OOSTANAULA	GA.	24,000	99,000	60
	TAILS CREEK	COOSAWATTEE	GA.	56,000	228,000	573
	CARTECAY	CARTECAY	GA.	10,500	29,300	201
	TILTON	CONASAUGA	GA.	10,000	41,000	65
	JACKS RIVER	CONASAUGA	TENN.	5,800	16,700	190
				1,973,700	8,695,800	
<u>PASCAGOULA</u>						
	WAYNESBORO	CHICKASAWHAY	MISS.	32,000	74,400	74
	CHUNKY CREEK	CHUNKY CR	MISS.	8,800	21,800	65
				40,800	96,200	
<u>PEARL</u>						
	LOWER STRONG	STRONG	MISS.	11,900	21,400	68
	D LO	STRONG	MISS.	9,400	18,300	90
	JACKSON	PEARL	MISS.	52,200	118,800	78
	YOKAHOCKANY	YOKAHOCKANY	MISS.	3,300	10,100	50
	EDINBURG	PEARL	MISS.	8,000	21,900	55
				84,800	190,500	
	<u>EASTERN GULF TOTAL</u>			<u>2,991,900</u>	<u>11,850,500</u>	
<u>OHIO RIVER</u>						
<u>TENNESSEE</u>						
A	HIWASSEE	HIWASSEE	N. C.	57,600	15,000	253
	NOTTELY	NOTTELY	GA.	15,000	37,000	169
	CHATUGE	HIWASSEE	N. C.	10,000	31,000	124
	MELTON HILL	CLINCH	TENN.	32,000	105,000	43
	CHILHOWEE	LITTLE TENNESSEE	TENN.	30,000	111,000	59
A	FONTANA	LITTLE TENNESSEE	N. C.	67,500	0	432
	BEAR CREEK	E FK TUCKASEGEE	N. C.	3,900	15,000	155
	ISLAND FORD	E FK TUCKASEGEE	N. C.	2,600	10,000	120
	WOLF CREEK	E FK TUCKASEGEE	N. C.	8,000	32,000	545
A	DOUGLAS	FRENCH BROAD	TENN.	26,000	71,000	128
	NOLICHUCKY	NOLICHUCKY	TENN.	40,000	135,000	115

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>TENNESSEE CONT'D</u>						
A	ELK SHOAL	CANE	N. C.	10,000	29,400	410
	FINES CREEK	PIGEON	N. C.	60,000	115,000	302
	HARTFORD	PIGEON	TENN.	20,000	110,000	237
	CHEROKEE	HOLSTON	TENN.	60,000	22,000	148
	FORGEY CREEK	HOLSTON	TENN.	60,000	165,000	91
	FORT PATRICK HENRY	S FK HOLSTON	TENN.	36,000	90,000	70
	BOONE	S FK HOLSTON	TENN.	75,000	172,000	130
				613,600	1,265,400	
<u>CUMBERLAND</u>						
A	LOWER CUMBERLAND	CUMBERLAND	KY.	130,000	551,000	47
	CHEATHAM	CUMBERLAND	TENN.	36,000	160,000	27
	THREE ISLANDS	HARPEATH	TENN.	20,000	45,000	94
	STEWART FERRY	STONE	TENN.	13,500	52,000	96
	OLD HICKORY	CUMBERLAND	TENN.	100,000	502,000	60
	CARTHAGE	CUMBERLAND	TENN.	92,000	343,000	55
	DALE HOLLOW	OBEY	TENN.	18,000	0	138
	CELINA	CUMBERLAND	KY.	64,800	230,000	50
	DEVIL JUMP	SOUTH FK	KY.	25,000	106,000	158
	HELENWOOD	SOUTH FK	TENN.	40,000	154,000	285
	ROCK CASTLE	ROCK CASTLE	KY.	10,000	44,000	147
	LAUREL	LAUREL	KY.	20,000	56,000	273
				569,300	2,243,000	
<u>OHIO MAIN STREAM</u>						
	GOLCONDA	OHIO	ILL.-KY.	500,000	2,760,000	441
				500,000	2,760,000	
<u>WABASH</u>						
	PETERSBURG	WHITE	IND.	25,000	130,000	28
	LOST RIVER	E FK WHITE	IND.	15,000	70,000	28
	SHOALS	E FK WHITE	IND.	30,000	110,000	57
	SPENCER	W FK WHITE	IND.	15,000	60,000	54
	MT CARMEL	WABASH	ILL.-IND.	80,000	420,000	42
	VINCENNES	WABASH	ILL.-IND.	30,000	130,000	30
	TERRE HAUTE	WABASH	ILL.-IND.	30,000	130,000	31
	CLINTON	WABASH	IND.	75,000	225,000	62
	DANVILLE	VERMILLION	ILL.	10,000	25,000	60
	DELPHI	WABASH	IND.	75,000	160,000	74
	MISSISSINewa RES	MISSISSINewa	IND.	10,000	20,000	84
				395,000	1,480,000	
<u>GREEN</u>						
	ROUGH RIVER RES	ROUGH	KY.	4,000	14,300	78
	MINING CITY	GREEN	KY.	30,000	150,000	49
	BARREN NO 2	BARREN	KY.	50,000	105,000	130
	NOLIN RIVER RES	NOLIN	KY.	22,000	59,000	133
				106,000	328,300	
<u>OHIO MAIN STREAM</u>						
	OWENSBORO	OHIO	IND.-KY.	250,000	1,434,000	37
				250,000	1,434,000	
<u>SALT</u>						
	ROLLING FORK RES	SALT	KY.	4,900	30,300	70
				4,900	30,300	
<u>OHIO MAIN STREAM</u>						
	OHIO FALLS	OHIO	IND.-KY.	120,000	704,000	37
				120,000	704,000	
<u>KENTUCKY</u>						
	LOCK NO 3	KENTUCKY	KY.	9,400	53,000	25
	JESSAMINE	KENTUCKY	KY.	13,900	73,000	86
	BOONEVILLE	S FK KENTUCKY	KY.	7,300	42,000	140
	FINCASTLE RESERVOIR	N FK KENTUCKY	KY.	14,400	45,000	70
	BUCKHORN RESERVOIR	M FK KENTUCKY	KY.	16,100	32,000	106
				61,100	245,000	
<u>OHIO MAIN STREAM</u>						
	MARKLAND	OHIO	IND.-KY.	240,000	1,150,000	35
				240,000	1,150,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>LICKING</u>					
POOLS CREEK	LICKING	KY.	30,000	79,000	50
BOSTON	LICKING	KY.	22,500	56,000	40
FALMOUTH	LICKING	KY.	180,000	255,000	137
CAVE RUN	LICKING	KY.	40,000	57,000	110
			272,500	447,000	
<u>LITTLE MIAMI</u>					
EAST FORK	E FK LITTLE MIAMI	OHIO	10,000	32,000	170
OREGONIA	LITTLE MIAMI	OHIO	5,000	15,000	55
CAESER CREEK	CAESER CR	OHIO	50,000	80,000	135
			65,000	127,000	
<u>OHIO MAIN STREAM</u>					
NEW RICHMOND	OHIO	OHIO.- KY.	200,000	976,000	33
GREENUP	OHIO	OHIO.- KY.	100,000	525,000	27
			300,000	1,501,000	
<u>BIG SANDY</u>					
TOWERS	RUSSELL FK	KY.	50,000	140,000	420
			50,000	140,000	
<u>OHIO MAIN STREAM</u>					
GALLIPOLIS	OHIO	OHIO.-KY.	80,000	457,000	23
			80,000	457,000	
<u>KANAWHA</u>					
SWISS	GAULEY	W. VA.	20,000	135,000	100
CARNIFEX	GAULEY	W. VA.	160,000	680,000	500
MEADOW RIVER	MEADOW	W. VA.	70,000	250,000	680
SUMMERSVILLE	GAULEY	W. VA.	110,000	435,000	481
GAULEY MILLS	GAULEY	W. VA.	40,000	110,000	400
THURMOND	NEW	W. VA.	160,000	1,100,000	240
STRETCHER NECK	NEW	W. VA.	100,000	700,000	145
SANDSTONE	NEW	W. VA.	150,000	735,000	170
BLUESTONE	NEW	W. VA.	180,000	405,000	125
R RADFORD	NEW	W. VA.	165,000	560,000	328
R FOSTER FALLS	NEW	VA.	20,000	140,000	50
R BUCK BYLLESBY	NEW	VA.	0	95,000	140
FRIES JUNCTION	NEW	VA.	12,000	89,000	60
MOORES FERRY	NEW	VA.	40,000	280,000	195
HALSEY	NEW	N. C.	25,000	90,000	164
			1,252,000	5,804,000	
<u>OHIO MAIN STREAM</u>					
CHINKAPIN BAR	OHIO	OHIO.-W. VA.	200,000	940,000	42
MARIETTA	OHIO	OHIO.-W. VA.	120,000	513,000	30
WOODLAND	OHIO	OHIO.-W. VA.	120,000	540,000	30
STUEBENVILLE	OHIO	OHIO.-W. VA.	100,000	394,000	22
			540,000	2,387,000	
<u>BEAVER</u>					
DAM NO 1	CONNOQUENESSING	PA.	45,000	59,000	95
DAM NO 2	SLIPPERY ROCK CR	PA.	13,000	20,000	70
DAM NO 3	SLIPPERY ROCK CR	PA.	25,000	35,000	120
DAM NO 4	SLIPPERY ROCK CR	PA.	17,000	26,000	90
			100,000	140,000	
<u>OHIO MAIN STREAM</u>					
EMSWORTH	OHIO	PA.	15,000	87,000	18
			15,000	87,000	
<u>MONONGAHELA</u>					
DAM C	YOUGHIOGHENY	PA.	15,000	49,300	50
DAM B	YOUGHIOGHENY	PA.	25,000	80,200	85
DAM A	YOUGHIOGHENY	PA.	25,000	80,200	85
CONFLUENCE	YOUGHIOGHENY	PA.	24,000	76,300	126
SANG RUN	YOUGHIOGHENY	MD.	48,000	153,100	560
SWALLOW FALLS	YOUGHIOGHENY	MD.	23,000	73,000	350
NO 18	CHEAT	W. VA.	50,000	104,000	70
NO 17	CHEAT	W. VA.	50,000	100,000	565
NO 15	CHEAT	W. VA.	65,000	139,000	110
NO 14	CHEAT	W. VA.	65,000	139,000	110
NO 13	CHEAT	W. VA.	90,000	234,000	170

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

	DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
	<u>MONONGAHELA CONT'D</u>					
	NO 12	CHEAT	W. VA.	110,000	239,000	265
	NO 11	HORSE SHOE RUN	W. VA.	60,000	118,000	795
	NO 10	BLACKWATER	W. VA.	40,000	82,000	665
	NO 4A	SHAVERS FK	W. VA.	40,000	76,000	260
	NO 3	SHAVERS FK	W. VA.	70,000	131,000	655
	TYGART	TYGART	W. VA.	40,000	173,000	170
	LAUREL	TYGART	W. VA.	70,000	197,000	480
				<u>910,000</u>	<u>2,244,100</u>	
	<u>ALLEGHENY</u>					
	FOXBURG	CLARION	PA.	130,000	182,000	150
A	PINEY	CLARION	PA.	9,600	0	83
	MILL CREEK	CLARION	PA.	110,000	175,000	225
	KINZUA	ALLEGHENY	PA.	40,000	124,000	97
				<u>289,600</u>	<u>481,000</u>	
	<u>OHIO RIVER TOTAL</u>			<u>6,734,000</u>	<u>25,455,100</u>	
	<u>GREAT LAKES ST LAWRENCE</u>					
	<u>MISSISSQUOI</u>					
A	HIGHGATE	MISSISSQUOI	VT.	8,000	30,000	59
	HIGHGATE FALLS	MISSISSQUOI	VT.	7,000	26,000	42
R	SHELDON SPRINGS	MISSISSQUOI	VT.	17,000	63,000	111
R	ENOSBURG FALLS	MISSISSQUOI	VT.	1,600	7,000	20
	EAST RICHFORD	MISSISSQUOI	VT.	3,000	10,000	37
	JAY BRANCH	JAY BR	VT.	4,000	16,000	170
				<u>40,600</u>	<u>152,000</u>	
	<u>LAMOILLE</u>					
	EAST GEORGIA	LAMOILLE	VT.	4,800	18,000	54
	BROWNS RIVER	BROWN	VT.	2,000	1,500	41
R	FAIRFAX FALLS	LAMOILLE	VT.	2,600	8,000	86
	GIHON RIVER	GIHON	VT.	4,000	10,000	282
	GARFIELD	GREEN	VT.	4,500	4,000	486
				<u>17,900</u>	<u>41,500</u>	
	<u>WINDOOSKI</u>					
R	BURLINGTON	WINDOOSKI	VT.	15,000	54,000	64
R	WINDOOSKI GORGE	WINDOOSKI	VT.	6,000	15,000	43
R	ESSEX FALLS	WINDOOSKI	VT.	9,200	23,000	66
	HUNTINGTON	HUNTINGTON	VT.	4,500	13,000	283
	BOLTON GORGE	WINDOOSKI	VT.	15,000	44,000	66
	WATERBURY	WATERBURY	VT.	5,500	12,000	148
	MORETOWN	MAD	VT.	3,000	10,000	103
	WRIGHTSVILLE	NORTH BR	VT.	4,000	7,000	158
	EAST BARRE	JAIL BR	VT.	3,000	10,000	500
R	MONTPELIER	WINDOOSKI	VT.	4,000	14,000	105
				<u>69,200</u>	<u>202,000</u>	
	<u>OTTER CREEK</u>					
R	VERGENNES	OTTER CR	VT.	3,400	15,000	37
R	WEYBRIDGE	OTTER CR	VT.	3,500	16,000	32
R	HUNTINGTON FALLS	OTTER CR	VT.	15,000	47,000	135
	NEW HAVEN MILLS	NEW HAVEN	VT.	2,300	5,000	90
R	LOWER MIDDLEBURY	OTTER CR	VT.	1,100	6,000	30
R	UPPER MIDDLEBURY	OTTER CR	VT.	2,800	10,000	23
	RIPTON	MIDDLEBURY	VT.	4,000	18,000	630
R	PROCTOR	OTTER CR	VT.	4,000	14,000	117
	TINMOUTH	CLARENDON	VT.	3,000	7,000	510
				<u>39,100</u>	<u>138,000</u>	
	<u>POULTNEY</u>					
R	CARVER FALLS	POULTNEY	N. Y.	3,600	13,000	160
				<u>3,600</u>	<u>13,000</u>	
	<u>AUSABLE</u>					
	ALICE FALLS	AUSABLE	N. Y.	3,000	13,200	51
R	KEESEVILLE	AUSABLE	N. Y.	3,100	14,000	63
	CLINTONVLE	AUSABLE	N. Y.	2,800	8,800	40
R	ROME	W BR AUSABLE	N. Y.	6,100	26,000	231
R	WILMINGTON	W BR AUSABLE	N. Y.	2,400	10,000	144
	CHERRY PATCH	W BR AUSABLE	N. Y.	9,600	42,000	700
				<u>27,000</u>	<u>114,000</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

	DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
	<u>SARANAC</u>					
A	KENTS FALLS	SARANAC	N. Y.	4,100	16,000	160
	REDFORD	SARANAC	N. Y.	2,000	9,300	36
	TEFFT POND	SARANAC	N. Y.	7,300	34,000	188
	SOUTH COLTON	RAQUETTE	N. Y.	15,300	64,000	85
	FIVE FALLS	RAQUETTE	N. Y.	20,300	78,000	104
	RAINBOW FALLS	RAQUETTE	N. Y.	20,300	74,000	96
	BLAKE FALLS	RAQUETTE	N. Y.	15,300	59,000	76
	STARK	RAQUETTE	N. Y.	20,300	75,000	105
	CARRY FALLS	RAQUETTE	N. Y.	3,500	13,000	35
				108,400	422,300	
	<u>ST LAWRENCE MAIN STREM</u>					
	BARNHART ISLAND	ST LAWRENCE	N. Y.	940,500	6,280,000	88
				940,500	6,280,000	
	<u>BLACK</u>					
	GLEN PARK MILL B	BLACK	N. Y.	10,000	85,000	43
	FELTS MILLS	BLACK	N. Y.	10,000	85,000	44
	PANTHER MOUNTAIN	S BR MOOSE	N. Y.	20,000	35,000	153
				40,000	205,000	
	<u>SALMON</u>					
A	LIGHTHOUSE HILL	SALMON	N. Y.	3,700	0	64
				3,700	0	
	<u>OSWEGO</u>					
A	HIGH DAM	OSWEGO	N. Y.	1,400	4,000	19
				1,400	4,000	
	<u>GENESEE</u>					
A	ROCHESTER	GENESEE	N. Y.	45,000	149,000	123
	MT MORRIS	GENESEE	N. Y.	47,000	77,000	123
	POAGS HOLE	CANASERAGA CR	N. Y.	4,000	21,000	210
	CANASERAGA	CANASERAGA CR	N. Y.	8,000	28,000	590
	PORTAGE	GENESEE	N. Y.	120,000	320,000	480
	BELFAST	GENESEE	N. Y.	10,000	17,500	76
	STANNARD	GENESEE	N. Y.	8,000	14,000	100
				242,000	626,500	
	<u>OAK ORCHARD CREEK</u>					
A	WATERPORT	OAK ORCHARD CR	N. Y.	2,400	0	78
				2,400	0	
	<u>NIAGARA</u>					
R	NIAGARA FALLS	NIAGARA	N. Y.	1,250,000	7,900,000	314
				1,250,000	7,900,000	
	<u>AU SABLE</u>					
	OSCODA	AU SABLE	MICH.	4,500	14,000	16
	THOMPSON	AU SABLE	MICH.	12,000	36,500	48
	UPPER FLAT ROCK	AU SABLE	MICH.	25,000	68,000	107
	STATE ROAD	AU SABLE	MICH.	4,700	14,400	23
	BAKER BRIDGE	AU SABLE	MICH.	5,500	13,300	32
	EATON	AU SABLE	MICH.	5,000	10,700	48
				56,700	156,900	
	<u>ST MARYS</u>					
A	ST MARYS FALLS	ST MARYS	MICH.	31,000	165,000	22
				31,000	165,000	
	<u>MANISTEE</u>					
	ANDERSON	MANISTEE	MICH.	10,000	24,700	19
	HIGH BRIDGE	MANISTEE	MICH.	6,800	16,300	15
	WILSON	S BR MANISTEE	MICH.	8,200	20,000	110
	LOWER SIBLEY	MANISTEE	MICH.	17,000	40,800	55
	SHERMAN	MANISTEE	MICH.	16,000	38,000	61
	MANTON	MANISTEE	MICH.	9,500	22,700	45
	WALTON	MANISTEE	MICH.	5,600	13,300	31
	SANDS	MANISTEE	MICH.	10,000	23,500	66
	DUTCH JOHN	MANISTEE	MICH.	5,000	12,000	40
	ROLLWAY	MANISTEE	MICH.	1,500	3,800	26
				89,600	215,100	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>MUSKEGON</u>						
	BRIDGETON	MUSKEGON	MICH.	6,000	25,700	22
	BACON	MUSKEGON	MICH.	15,000	36,000	31
	PARIS	MUSKEGON	MICH.	2,700	6,800	10
	HERSEY	MUSKEGON	MICH.	4,800	12,000	18
	EVART	MUSKEGON	MICH.	2,500	6,400	11
				31,000	86,900	
<u>GRAND</u>						
	GRAND RAPIDS	GRAND	MICH.	6,700	30,000	17
	SARANAC	GRAND	MICH.	3,700	16,700	16
	PORTLAND	GRAND	MICH.	2,400	5,400	20
	MC GEE	GRAND	MICH.	3,300	14,200	32
	DANBY	GRAND	MICH.	2,600	12,100	32
				18,700	78,400	
<u>KALAMAZOO</u>						
	WILLIAMS BRIDGE	KALAMAZOO	MICH.	2,200	11,600	18
				2,200	11,600	
<u>ST JOSEPH</u>						
	KINGS LANDING	ST JOSEPH	MICH.	7,200	29,400	18
	STATE LINE	ST JOSEPH	IND.	4,700	21,000	15
	BRISTOL	ST JOSEPH	IND.	3,300	15,000	16
				15,200	65,400	
<u>FOX</u>						
	LEEMAN	WOLF	WIS.	5,000	12,400	20
	KESHENA FALLS	WOLF	WIS.	6,100	16,700	37
	BIG EDDY	WOLF	WIS.	4,000	10,700	31
	SMOKY FALLS	WOLF	WIS.	2,800	7,400	22
	DALLES	WOLF	WIS.	10,200	27,200	83
	SHOTGUN RAPIDS	WOLF	WIS.	5,800	15,300	56
	HANSON RIPS	WOLF	WIS.	2,000	10,200	39
	GARDNER	WOLF	WIS.	3,000	15,600	60
	WHITE LAKE CREEK	WOLF	WIS.	2,300	12,400	49
	LANGLADE	WOLF	WIS.	1,900	10,000	40
	SHERRY RAPIDS	WOLF	WIS.	2,100	11,700	47
				45,200	149,600	
<u>OCONTO</u>						
	LOWER FALLS	OCONTO	WIS.	2,600	13,000	40
	FLAT ROCK	OCONTO	WIS.	1,900	9,600	34
				4,500	22,600	
<u>PESHTIGO</u>						
	CRIVITZ	PESTIGO	WIS.	2,000	7,100	18
	SPRING RAPIDS	PESTIGO	WIS.	3,700	16,600	46
	ROARING RAPIDS	PESTIGO	WIS.	9,700	49,400	200
	STRONG FALLS	PESTIGO	WIS.	1,800	5,600	44
				17,200	78,700	
<u>MENOMINEE</u>						
	MENOMINEE UPPER	MENOMINEE	WIS.	2,500	4,000	18
	CHAPP'E RAPIDS	MENOMINEE	MICH.	5,200	24,000	16
	PEMENE FALLS	MENOMINEE	MICH.	10,000	40,000	32
	PEMENE DAM	MENOMINEE	MICH.	7,000	33,000	28
	SAND PORTAGE	MENOMINEE	MICH. WIS.	9,200	46,000	43
	NIAGARA	MENOMINEE	WIS.	5,400	15,000	67
	QUINNESEC	MENOMINEE	MICH.	8,000	32,000	92
	LITTLE BULL RAPIDS	MENOMINEE	MICH. WIS.	3,700	24,000	25
	LASALLE	PINE	WIS.	2,100	12,000	50
	MICHIGAMME FALLS	MICHIGAMME	MICH.	9,600	33,000	60
	HEMLOCK FALLS	MICHIGAMME	MICH.	2,800	9,000	34
				65,500	272,000	
<u>TAHQUAMENON</u>						
	TAHQUAMENON FALLS	TAHQUAMENON	MICH.	4,500	30,000	93
				4,500	30,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>STURGEON</u>						
A R	LOWER PLANT	STURGEON	MICH.	16,300	19,100	90
	BIG FALLS	STURGEON	MICH.	17,600	23,800	110
	TIBBETS FALLS	STURGEON	MICH.	12,000	12,200	112
				<u>45,900</u>	<u>55,100</u>	
<u>ONTONAGON</u>						
	AGATE FALLS	M BR ONTONAGON	MICH.	3,000	13,000	125
	BONDS FALLS	M BR ONTONAGON	MICH.	2,700	11,400	120
	GRAND RAPIDS	ONTONAGON	MICH.	4,800	32,000	55
	FORKS	ONTONAGON	MICH.	4,200	28,000	40
	HOOPER	W BR ONTONAGON	MICH.	6,000	23,000	70
	NORWICH	W BR ONTONAGON	MICH.	2,600	8,000	80
	SOUTH BRANCH	S BR ONTONAGON	MICH.	3,700	11,000	70
				<u>27,000</u>	<u>126,400</u>	
<u>MONTREAL</u>						
A R	SUPERIOR FALLS	MONTREAL	MICH.	1,900	9,000	137
	SITE NO 2	MONTREAL	MICH.	2,700	14,000	115
	SAXON FALLS	MONTREAL	MICH.	2,300	10,000	145
	SITE NO 4	MONTREAL	MICH.	1,700	7,800	70
	SITE NO 6	E BR MONTREAL	WIS.	3,100	15,200	284
				<u>11,700</u>	<u>56,000</u>	
<u>BAD</u>						
	BAKER	BAD	WIS.	4,900	27,000	104
	POTATOE	POTATOE	WIS.	2,900	16,000	225
				<u>7,800</u>	<u>43,000</u>	
<u>BRULE</u>						
	BRULE RIVER	BRULE	WIS.	2,300	16,000	170
				<u>2,300</u>	<u>16,000</u>	
<u>ST LOUIS</u>						
	GRAND RAPIDS	ST LOUIS	MINN.	10,000	57,000	66
				<u>10,000</u>	<u>57,000</u>	
<u>GOOSEBERRY</u>						
	GOOSEBERRY	GOOSEBERRY	MINN.	1,200	4,000	257
				<u>1,200</u>	<u>4,000</u>	
<u>BEAVER BAY</u>						
	BEAVER BAY	BEAVER BAY	MINN.	2,500	15,000	298
				<u>2,500</u>	<u>15,000</u>	
<u>BAPTISM</u>						
	BAPTISM	BAPTISM	MINN.	11,400	60,000	598
				<u>11,400</u>	<u>60,000</u>	
<u>POPLAR</u>						
	LOWER POPLAR	POPLAR	MINN.	4,500	26,000	278
	UPPER POPLAR	POPLAR	MINN.	7,400	38,000	460
				<u>11,900</u>	<u>64,000</u>	
<u>CASCADE</u>						
	CASCADE	CASCADE	MINN.	5,600	26,800	663
				<u>5,600</u>	<u>26,800</u>	
<u>DEVIL TRACK</u>						
	LOWER	DEVIL TRACK	MINN.	2,800	13,200	395
	UPPER	DEVIL TRACK	MINN.	2,700	11,500	395
				<u>5,500</u>	<u>24,700</u>	
<u>BRULE</u>						
	BRULE NO 5	BRULE	MINN.	6,200	33,800	270
	BRULE NO 4	BRULE	MINN.	7,200	39,300	320
	BRULE NO 3	BRULE	MINN.	5,100	28,400	230
	BRULE NO 2	BRULE	MINN.	1,800	7,900	60
				<u>20,300</u>	<u>109,400</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>PIGEON</u>					
HIGH FALLS	PIGEON	MINN.	10,600	45,300	225
HORN RAPIDS	PIGEON	MINN.	4,600	19,800	75
TUNNEL	PIGEON	MINN.	4,500	19,700	93
CASCADES	PIGEON	MINN.	3,500	15,800	225
PARTRIDGE FALLS	PIGEON	MINN.	1,700	6,500	110
			<u>24,900</u>	<u>107,100</u>	
<u>G LAKES ST LAWRENCE TOTAL</u>			<u>3,355,100</u>	<u>18,195,000</u>	
<u>HUDSON BAY</u>					
<u>RAINY</u>					
BIG FORK NO 1	BIG FK	MINN.	1,400	5,700	26
BIG FORK NO 2	BIG FK	MINN.	1,600	6,500	30
BIG FORK NO 3	BIG FK	MINN.	2,400	9,600	58
LITTLE FORK NO 1	LITTLE FK	MINN.	1,400	5,700	24
LITTLE FORK NO 2	LITTLE FK	MINN.	2,400	10,300	42
LITTLE FORK NO 3	LITTLE FK	MINN.	1,500	6,100	35
LITTLE FORK NO 4	LITTLE FK	MINN.	1,600	7,100	50
VERMILION NO 1	VERMILION	MINN.	3,000	14,700	87
VERMILION NO 2	VERMILION	MINN.	2,800	13,100	98
BIRCH LAKE	KAWISHIWI	MINN.	2,100	12,500	42
			<u>20,200</u>	<u>91,300</u>	
<u>HUDSON BAY TOTAL</u>			<u>20,200</u>	<u>91,300</u>	
<u>UPPER MISSISSIPPI RIVER</u>					
<u>ILLINOIS</u>					
STARVED ROCK	ILLINOIS	ILL.	9,000	59,500	18
WEDRON	FOX	ILL.	8,000	48,000	68
MARSEILLES	ILLINOIS	ILL.	18,000	97,900	24
DRESDEN ISLAND	ILLINOIS	ILL.	9,600	62,200	20
BRANDON ROAD	DES PLAINES	ILL.	11,300	69,700	34
OLD STATE DAM	KANKAKEE	ILL.	6,600	30,800	20
WILMINGTON	KANKAKEE	ILL.	4,300	21,200	13
CUSTER PARK	KANKAKEE	ILL.	15,000	85,000	58
AROMA PARK	KANKAKEE	ILL.	2,900	15,900	15
			<u>84,700</u>	<u>490,200</u>	
<u>CUIVRE</u>					
CHAIN OF ROCKS	CUIVRE	MO.	4,200	10,000	41
			<u>4,200</u>	<u>10,000</u>	
<u>SALT</u>					
JOANNA	SALT	MO.	35,000	86,800	94
			<u>35,000</u>	<u>86,800</u>	
<u>DES MOINES</u>					
BELFAST	DES MOINES	IOWA	17,200	81,000	46
BENTONSPORT	DES MOINES	IOWA	8,100	34,000	22
KILBOURNE	DES MOINES	IOWA	7,200	30,000	20
OTTUMWA	DES MOINES	IOWA	1,900	4,000	14
RED ROCK	DES MOINES	IOWA	17,200	51,800	53
DES MOINES	DES MOINES	IOWA	1,400	5,000	9
ADEL	RACCOON	IOWA	1,500	6,000	25
RIPPEY	RACCOON	IOWA	1,300	6,000	24
JEFFERSON	RACCOON	IOWA	1,200	5,000	28
LINNBURG	DES MOINES	IOWA	4,200	16,000	31
KALO	DES MOINES	IOWA	2,200	8,000	22
FORT DODGE	DES MOINES	IOWA	2,400	9,000	28
BADGER	DES MOINES	IOWA	2,100	8,000	26
			<u>67,900</u>	<u>263,800</u>	
<u>SKUNK</u>					
AUGUSTA	SKUNK	IOWA	2,400	8,000	16
LOWELL	SKUNK	IOWA	2,300	8,000	16
PELLA	SKUNK	IOWA	2,100	12,000	42
			<u>6,800</u>	<u>28,000</u>	
<u>IOWA</u>					
MUSCATINE	GENEVA CR	IOWA	60,000	200,000	95
ROCHESTER	CEDAR	IOWA	28,000	85,000	55
CEDAR RAPIDS	CEDAR	IOWA	9,600	43,900	45

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

	DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
	<u>IOWA CONT'D</u>					
R	PROJECT NO 13 A	CEDAR	IOWA	11,200	40,000	38
	FLOYD	CEDAR	IOWA	1,900	8,000	46
	CORALVILLE	IOWA	IOWA	2,400	14,400	38
				<u>115,100</u>	<u>391,300</u>	
	<u>ROCK</u>					
	BARSTOW	ROCK	ILL.	12,500	61,100	28
	LYNDON	ROCK	ILL.	4,100	19,400	10
	ABOVE LYNDON	ROCK	ILL.	3,700	16,700	9
	COMO	ROCK	ILL.	3,700	16,700	9
	GRAND DETOUR	ROCK	ILL.	9,300	52,100	24
	BYRON	ROCK	ILL.	6,800	36,900	19
	LATHAM PARK	ROCK	ILL.	3,000	15,000	11
	ROCKTON	PECATONICA	ILL.	2,900	17,500	25
				<u>46,000</u>	<u>235,400</u>	
	<u>MISSISSIPPI MAIN STREM</u>					
A	ROCK ISLAND	MISSISSIPPI	ILL.	10,100	80,800	13
				<u>10,100</u>	<u>80,800</u>	
	<u>WAPSIPINCON</u>					
	BIG ROCK	WAPSIPINCON	IOWA	2,200	5,900	30
				<u>2,200</u>	<u>5,900</u>	
	<u>MAQUOKETA</u>					
	SPRAGUEVILLE	MAQUOKETA	IOWA	3,200	12,100	43
	MAQUOKETA	MAQUOKETA	IOWA	1,500	7,500	20
	CRABB HILL	NORTH FK	IOWA	1,300	7,500	75
	LAKEHURST	MAQUOKETA	IOWA	1,600	8,500	45
				<u>7,600</u>	<u>35,600</u>	
	<u>TURKEY</u>					
	MEDERVILLE	VOLGA	IOWA	1,200	5,900	60
	MOTOR	TURKEY	IOWA	1,300	5,900	35
				<u>2,500</u>	<u>11,800</u>	
	<u>WISCONSIN</u>					
	SITE NO 14	WISCONSIN	WIS.	14,700	95,500	25
	BOSCOBEL	WISCONSIN	WIS.	16,500	106,900	29
	MUSCODA	WISCONSIN	WIS.	10,400	65,400	20
	SITE NO 10	WISCONSIN	WIS.	14,200	90,400	28
	HONEY CREEK	WISCONSIN	WIS.	5,100	31,600	12
	TRAPPE RAPIDS	WISCONSIN	WIS.	5,600	27,900	24
	BILL CROSS	WISCONSIN	WIS.	3,600	21,000	22
	NIGGER ISLAND	WISCONSIN	WIS.	4,200	24,600	43
				<u>74,300</u>	<u>463,300</u>	
	<u>UPPER IOWA</u>					
	UPPER IOWA	UPPER IOWA	IOWA	2,700	12,600	69
				<u>2,700</u>	<u>12,600</u>	
	<u>ROOT</u>					
	ROOT NO 4	ROOT	MINN.	1,400	6,500	27
	ROOT NO 2	ROOT	MINN.	1,900	8,800	54
				<u>3,300</u>	<u>15,300</u>	
	<u>BLACK</u>					
	BLACK RIVER NO 1	BLACK	WIS.	7,600	26,100	40
	BLACK RIVER NO 2	BLACK	WIS.	2,300	7,600	20
	BLACK RIVER NO 3	BLACK	WIS.	3,000	10,300	40
	LEVIS ISLAND	BLACK	WIS.	2,500	14,000	30
				<u>15,400</u>	<u>58,000</u>	
	<u>CHIPPEWA</u>					
	DURAND	CHIPPEWA	WIS.	39,600	179,000	57
	DUNNVILLE	RED CEDAR	WIS.	3,700	16,000	30
	VARNEY CREEK	RED CEDAR	WIS.	3,400	15,000	30
	MENOMINEE	RED CEDAR	WIS.	2,900	9,000	37
	SITE NO 10	CHIPPEWA	WIS.	5,200	23,700	13
	SITE NO 21	FLAMBEAU	WIS.	2,700	13,100	17
	SITE NO 24	FLAMBEAU	WIS.	3,900	20,300	25
	SITE NO 25	FLAMBEAU	WIS.	3,400	17,500	22
	SITE NO 26	FLAMBEAU	WIS.	3,100	15,800	20

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>CHIPPEWA CONT'D</u>						
SITE NO 27		FLAMBEAU	WIS.	1,900	11,200	22
SITE NO 28		FLAMBEAU	WIS.	1,600	9,000	19
SITE NO 29		FLAMBEAU	WIS.	1,400	8,000	20
GRAND RAPIDS		CHIPPEWA	WIS.	5,600	22,600	35
MURRY		CHIPPEWA	WIS.	5,300	21,400	35
BRUNET		CHIPPEWA	WIS.	4,100	16,000	28
SITE NO 4		CHIPPEWA	WIS.	2,200	8,800	19
RADISSON		CHIPPEWA	WIS.	4,300	17,500	40
SITE NO 2		CHIPPEWA	WIS.	1,800	6,900	19
LOWERS		CHIPPEWA	WIS.	2,900	11,700	29
				<u>99,000</u>	<u>442,500</u>	
<u>ST CROIX</u>						
STILLWATER		ST CROIX	MINN.-WIS.	4,200	25,200	20
NEVERS		ST CROIX	MINN.-WIS.	20,000	85,200	45
KETTLE RIVER RAPIDS		ST CROIX	MINN.-WIS.	27,500	125,000	78
SWISS		ST CROIX	WIS.	2,700	17,900	35
NAMAKAGON		NAMAKAGON	WIS.	1,500	7,000	25
DEAL		NAMAKAGON	WIS.	3,000	9,100	37
				<u>58,900</u>	<u>269,400</u>	
<u>MINNESOTA</u>						
DELHI		MINNESOTA	MINN.	2,900	17,400	32
				<u>2,900</u>	<u>17,400</u>	
<u>MISSISSIPPI MAIN STREM</u>						
DAM NO 26		MISSISSIPPI	MINN.	7,300	33,200	16
DAM NO 25		MISSISSIPPI	MINN.	5,700	25,400	14
DAM NO 22		MISSISSIPPI	MINN.	11,200	58,500	29
DAM NO 21		MISSISSIPPI	MINN.	11,200	60,100	30
DAM NO 20		MISSISSIPPI	MINN.	11,200	59,000	29
DAM NO 19		MISSISSIPPI	MINN.	3,300	14,400	11
DAM NO 17		MISSISSIPPI	MINN.	6,000	30,800	19
DAM NO 13		MISSISSIPPI	MINN.	5,700	27,800	19
DAM NO 11		MISSISSIPPI	MINN.	4,800	22,300	16
BRAINARD		MISSISSIPPI	MINN.	8,700	45,600	38
DAM NO 4A		MISSISSIPPI	MINN.	2,100	7,800	11
DAM NO 2		MISSISSIPPI	MINN.	4,500	21,500	24
				<u>81,700</u>	<u>406,400</u>	
				<u>718,300</u>	<u>3,324,500</u>	
<u>UPPER MISSISSIPPI TOTAL</u>						
<u>MISSOURI RIVER</u>						
<u>MISSOURI MAIN STREAM</u>						
B	KANSAS CITY TO MOUTH	MISSOURI	MO.	1,200,000	6,500,000	345
				<u>1,200,000</u>	<u>6,500,000</u>	
<u>GASCONADE</u>						
RICH FOUNTAIN		GASCONADE	MO.	35,000	96,000	78
ARLINGTON		GASCONADE	MO.	30,000	118,700	101
RICHLAND		GASCONADE	MO.	25,000	49,000	97
				<u>90,000</u>	<u>263,700</u>	
<u>OSAGE</u>						
A	LOCK NO 2	OSAGE	MO.	20,000	160,900	25
	OSAGE	OSAGE	MO.	43,000	0	96
	ST ELIZABETH	BIG TAVERN CR	MO.	3,000	10,500	63
	GRAND GLAIZE	GRAND GLAIZE	MO.	4,000	18,500	91
	NIANGUA	NIANGUA	MO.	9,700	31,900	98
	SULPHUR SPRINGS	LITTLE NIANGUA	MO.	3,400	11,000	69
	KASINGER BLUFF	OSAGE	MO.	2,500	18,000	14
	POMME DE TERRE	POMME DE TERRE	MO.	7,000	26,000	80
	STOCKTON	SAC	MO.	7,000	32,800	70
				<u>99,600</u>	<u>309,600</u>	
<u>GRAND</u>						
CHILLICOTHE		GRAND	MO.	18,000	95,000	50
				<u>18,000</u>	<u>95,000</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>KANSAS</u>						
EDWARDSVILLE		KANSAS	KANS.	25,000	85,000	35
EUDORA		KANSAS	KANS.	25,000	90,000	40
LECOMPTON		KANSAS	KANS.	15,000	60,000	30
TECUMSEH		KANSAS	KANS.	15,000	54,000	30
TOPEKA		KANSAS	KANS.	20,000	78,000	45
TUTTLE CREEK		BIG BLUE	KANS.	20,000	55,000	81
HARLAN COUNTY		REPUBLICAN	NEBR.	2,500	12,000	63
				122,500	434,000	
<u>MISSOURI MAIN STREAM</u>						
B	RULO TO KANSAS CITY	MISSOURI	KAN.-MO.	340,000	2,000,000	120
B	NEBRASKA CITY TO RULO	MISSOURI	KAN.-MO.	100,000	600,000	40
				440,000	2,600,000	
<u>PLATTE</u>						
SOUTH BEND		PLATTE	NEBR.	27,000	112,000	34
NICKERSON		MAPLE CR	NEBR.	5,600	23,000	70
MAPLE CREEK		MAPLE CR	NEBR.	5,300	22,000	65
WATERLOO		PLATTE	NEBR.	11,000	129,000	48
ROGERS		PLATTE	NEBR.	23,100	207,000	100
CUSHING		NORTH LOUP	NEBR.	6,000	19,000	88
DAVIS CREEK		NORTH LOUP	NEBR.	11,000	21,000	172
PLEASANT HILL		NORTH LOUP	NEBR.	2,600	17,000	70
LEES PARK		MIDDLE LOUP	NEBR.	6,200	29,000	144
LILLIAN		MIDDLE LOUP	NEBR.	5,000	24,000	90
GEORGETOWN		DISMAL	NEBR.	1,900	8,000	115
ASH CREEK		DISMAL	NEBR.	2,000	11,000	150
PLUM CREEK		PLUM CR	NEBR.	24,000	31,000	138
SUTHERLAND		SOUTH PLATTE	NEBR.	3,000	15,000	31
CANYON		CACHE LA POUDRE	COLO.	19,800	117,000	645
ELKHORN		CACHE LA POUDRE	COLO.	27,400	168,000	825
BEAVER		CACHE LA POUDRE	COLO.	2,400	10,000	328
BENNETT CREEK		CACHE LA POUDRE	COLO.	23,800	147,000	760
SHEEP CREEK		CACHE LA POUDRE	COLO.	13,500	89,000	675
POUDRE		CACHE LA POUDRE	COLO.	12,600	77,000	675
CASCADE		CACHE LA POUDRE	COLO.	15,100	46,000	690
HALLIGAN		CACHE LA POUDRE	COLO.	4,800	15,000	333
BIG THOMPSON		BIG THOMPSON	COLO.	6,700	10,000	185
FLATIRON		COTTONWOOD CR	COLO.	63,000	241,000	1,100
POLE HILL		DIVERSION CANAL	COLO.	33,300	219,000	840
MORaine		BIG THOMPSON	COLO.	3,400	17,000	450
FALL RIVER		FALL	COLO.	2,000	10,000	700
COOK MOUNTAIN		NORTH ST VRAIN CR	COLO.	21,000	64,000	760
BUCK GULCH		NORTH ST VRAIN CR	COLO.	20,200	62,000	785
SMITY MOUNTAIN		SOUTH ST VRAIN CR	COLO.	13,200	68,000	790
ELDORA		MIDDLE BOULDER CR	COLO.	8,000	17,000	510
MIRAMONTE		SOUTH BOULDER CR	COLO.	10,600	60,000	1,000
WONDERVU		SOUTH BOULDER CR	COLO.	6,700	28,000	450
NEDERLAND 2		SOUTH BOULDER CR	COLO.	2,600	11,000	175
NEDERLAND 1		SOUTH BOULDER CR	COLO.	6,200	23,000	465
ELK		CLEAR CR	COLO.	13,000	41,000	350
BIG HILL		CLEAR CR	COLO.	18,600	75,000	650
EMPIRE		CLEAR CR	COLO.	28,500	87,000	845
WEST EMPIRE		W FK CLEAR CR	COLO.	2,900	8,000	400
CONE MOUNTAIN		W FK CLEAR CR	COLO.	4,300	12,000	625
SILVER PLUME		CLEAR CR	COLO.	4,700	15,000	845
CHERRY CREEK		CHERRY CR	COLO.	2,500	6,500	88
CHATFIELD		SOUTH PLATTE	COLO.	1,400	4,000	107
TURKSHED		SOUTH PLATTE	COLO.	7,200	45,600	107
TWO FORKS		SOUTH PLATTE	COLO.	116,000	206,700	450
RESORT CREEK		N FK SOUTH PLATTE	COLO.	52,000	246,100	645
CROSSONS		N FK SOUTH PLATTE	COLO.	26,000	193,700	511
INSMONT		N FK SOUTH PLATTE	COLO.	14,200	105,000	283
SHAWNEE		N FK SOUTH PLATTE	COLO.	11,400	74,300	225
SINGLETON		N FK SOUTH PLATTE	COLO.	19,000	134,900	373
GRANT		N FK SOUTH PLATTE	COLO.	20,000	128,400	379
CHEESMAN		SOUTH PLATTE	COLO.	5,900	25,000	377
SIGNAL		SOUTH PLATTE	COLO.	8,500	26,000	405
BISON		TARRYALL CR	COLO.	1,400	6,000	317
TARRYALL		SOUTH PLATTE	COLO.	5,300	19,000	300
ELEVEN MILE		SOUTH PLATTE	COLO.	3,200	10,000	284
KINGSLEY		NORTH PLATTE	NEBR.	22,500	95,000	140
NORTH PORT		NORTH PLATTE	NEBR.	10,000	49,000	260

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>PLATTE CONT'D</u>						
A	SYBILLE CREEK	LARAMIE	WYO.	17,000	43,000	925
	DODGE CANYON	LARAMIE	WYO.	7,500	20,000	370
	GUERNSEY	NORTH PLATTE	WYO.	10,000	31,000	80
	GLENDO	NORTH PLATTE	WYO.	24,000	76,000	140
	UPPER GLENDO	NORTH PLATTE	WYO.	4,000	35,000	60
	POISON SPIDER	NORTH PLATTE	WYO.	1,400	12,000	20
	BESSEMER BEND	NORTH PLATTE	WYO.	14,000	72,000	135
	ALCOVA	NORTH PLATTE	WYO.	36,000	124,000	160
	FREMONT CANYON	NORTH PLATTE	WYO.	48,000	205,000	294
	LEWISTON	SWEETWATER	WYO.	5,000	35,000	450
	PEDRO MOUNTAIN	NORTH PLATTE	WYO.	18,000	81,000	160
	SEMINOE	NORTH PLATTE	WYO.	10,800	33,000	214
	FORT STEELE	NORTH PLATTE	WYO.	13,000	32,000	60
	JACKS CREEK	NORTH PLATTE	WYO.	26,000	64,000	120
A	ENCAMPMENT	ENCAMPMENT	WYO.	4,000	16,000	220
	HOG PARK	ENCAMPMENT	WYO.	15,000	64,000	800
	BENNETT PEAK	NORTH PLATTE	WYO.	15,300	69,000	105
	PARKVIEW	NORTH PLATTE	WYO.	20,000	89,000	465
				1,137,500	4,881,200	
<u>MISSOURI MAIN STREAM</u>						
B	SIOUX CITY TO NEB CITY	MISSOURI	IOWA.-NEBR.	400,000	2,200,000	195
	YANKTON TO SIOUX CITY	MISSOURI	NEBR.-S.-DAK.	160,000	700,000	80
	GAVINS POINT	MISSOURI	NEBR.-S.-DAK.	100,000	570,000	482
				660,000	3,470,000	
<u>NIOBRARA</u>						
	NIOBRARA	NIOBRARA	NEBR.	17,800	78,000	130
	REDBIRD	NIOBRARA	NEBR.	12,600	58,000	100
	SPENCER	NIOBRARA	NEBR.	16,900	90,000	160
	PHOENIX	NIOBRARA	NEBR.	9,400	48,000	100
	OTTER CREEK	NIOBRARA	NEBR.	12,000	66,000	145
	LONG PINE	LONG PINE	NEBR.	21,000	46,000	150
	RESERVOIR NO 5	NIOBRARA	NEBR.	5,400	28,000	75
	SPARKS	NIOBRARA	NEBR.	5,400	21,000	80
	THACHER	NIOBRARA	NEBR.	6,700	27,000	106
	CROOKSON	NIOBRARA	NEBR.	4,500	22,000	99
	KILGORE	NIOBRARA	NEBR.	4,600	19,000	113
	RESERVOIR NO 4	NIOBRARA	NEBR.	4,000	15,000	111
	ELI	NIOBRARA	NEBR.	4,000	15,000	111
	RESERVOIR NO 3	NIOBRARA	NEBR.	3,200	13,000	117
	RESERVOIR NO 2	NIOBRARA	NEBR.	2,600	13,000	120
	RESERVOIR NO 1	NIOBRARA	NEBR.	2,400	9,000	120
				132,500	568,000	
<u>MISSOURI MAIN STREAM</u>						
	FORT RANDALL	MISSOURI	S. DAK.	320,000	1,236,000	140
				320,000	1,236,000	
<u>WHITE</u>						
	RELIANCE	WHITE	S. DAK.	4,500	6,200	87
				4,500	6,200	
<u>MISSOURI MAIN STREAM</u>						
	BIG BEND	MISSOURI	S. DAK.	120,000	588,000	60
	OAHE	MISSOURI	S. DAK.	425,000	1,850,000	203
	MILLER	DIVERSION CANAL	S. DAK.	180,000	385,000	241
				725,000	2,823,000	
<u>CHEYENNE</u>						
	CHERRY CREEK	CHEYENNE	S. DAK.	14,000	48,600	90
	PEDRO	CHEYENNE	S. DAK.	13,000	45,500	90
	ANGOSTURA	CHEYENNE	S. DAK.	10,000	33,100	148
	COAL MINE	S FK CHEYENNE	S. DAK.	6,000	15,800	91
				43,000	143,000	
<u>CANNONBALL</u>						
	SOLENN	CANNONBALL	N. DAK.	3,800	10,500	85
				3,800	10,500	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>MISSOURI MAIN STREAM</u>						
	BISMARCK	MISSOURI	N. DAK.	100,000	474,000	43
	GARRISON	MISSOURI	N. DAK.	400,000	1,570,000	183
				500,000	2,044,000	
<u>YELLOWSTONE</u>						
B	INTAKE	YELLOWSTONE	MONT.	200,000	1,100,000	180
	BILLINGS TO GLENDIVE	YELLOWSTONE	MONT.	900,000	4,800,000	1,250
	MOORHEAD	POWDER	MONT.	8,000	29,000	190
	GOOSE CREEK RESERVOIR	GOOSE CR	WYO.	12,000	59,900	1,890
	ROCKWOOD	TONGUE	WYO.	60,000	320,000	2,920
	TONGUE RIVER	TONGUE	WYO.	25,000	92,000	1,200
	NORTH FORK	TONGUE	WYO.	3,000	11,200	440
	CUSTER	BIG HORN	MONT.	40,000	180,000	100
	LITTLE HORN	LITTLE HORN	MONT.	15,000	70,000	740
	YELLOW TAIL	BIG HORN	MONT.	200,000	748,000	463
	KANE	BIG HORN	WYO.	30,000	150,000	140
	ISHAWOODA	S FK SHOSHONE	WYO.	45,000	230,000	850
	SOUTH FORK	S FK SHOSHONE	WYO.	25,000	135,000	800
	WAPITI	N FK SHOSHONE	WYO.	65,000	330,000	850
	THERMOPOLIS	BIG HORN	WYO.	50,000	200,000	250
	BULL LAKE	WIND	WYO.	75,000	370,000	850
	DU NOIR	WIND	WYO.	10,000	30,000	600
	SUNLIGHT CREEK	SUNLIGHT CR	WYO.	20,000	116,000	1,945
	BALD RIDGE	CLARK FK	WYO.	30,000	184,000	500
	THIEF CREEK	CLARK FK	WYO.	60,000	387,000	1,380
	BEAR TOOTH LAKE	BEAR TOOTH CR	WYO.	12,000	65,000	2,920
	HUNTER MOUNTAIN	CLARK FK	WYO.	12,000	76,000	638
	LAUREL	YELLOWSTONE	MONT.	150,000	780,000	280
	STILLWATER	STILLWATER	MONT.	40,000	190,000	1,000
	BENSON BLUFF	YELLOWSTONE	MONT.	110,000	530,000	220
	GREYCLIFF	YELLOWSTONE	MONT.	120,000	580,000	250
	BOULDER	BOULDER	MONT.	40,000	220,000	900
	NATURAL BRIDGE	BOULDER	MONT.	10,000	60,000	500
	BIG TIMBER	YELLOWSTONE	MONT.	80,000	380,000	190
	MISSION	YELLOWSTONE	MONT.	50,000	355,000	193
	LOWER CANYON	YELLOWSTONE	MONT.	80,000	390,000	255
	MILL CREEK	MILL CR	MONT.	15,000	70,000	1,000
CHICORY	YELLOWSTONE	MONT.	80,000	380,000	230	
YANKEE JIM	YELLOWSTONE	MONT.	50,000	205,000	200	
			2,722,000	13,823,100		
<u>MISSOURI SOURIS CANAL</u>						
	DES LACS	SOURIS CANAL	N. DAK.	60,000	181,000	158
	CROSBY	SOURIS CANAL	N. DAK.	48,000	168,000	98
				108,000	349,000	
<u>MISSOURI MAIN STREAM</u>						
A	PORCUPINE	MISSOURI	MONT.	18,000	113,000	30
	FORT PECK	MISSOURI	MONT.	80,000	239,000	213
	ROCKY POINT	MISSOURI	MONT.	50,000	350,000	105
	BEAR PAW	MISSOURI	MONT.	40,000	269,000	81
	ILLIAD	MISSOURI	MONT.	107,000	509,000	198
			295,000	1,480,000		
<u>MARIAS</u>						
	KENIL	MARIAS	MONT.	1,600	3,000	30
	TIBER	MARIAS	MONT.	2,000	6,000	185
				3,600	9,000	
<u>MISSOURI MAIN STREAM</u>						
	FORT BENTON	MISSOURI	MONT.	27,000	161,000	55
	CARTER	MISSOURI	MONT.	60,000	374,000	130
	PORTAGE	MISSOURI	MONT.	20,000	147,000	72
				107,000	682,000	
<u>SUN</u>						
	FAIRFIELD	SUN CANAL	MONT.	9,500	20,000	150
	GIBSON	SUN	MONT.	11,000	41,000	162
				20,500	61,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MISSOURI MAIN STREAM</u>						
	ULM	MISSOURI	MONT.	8,500	65,000	27
	HARDY	MISSOURI	MONT.	19,000	134,000	67
	CANYON FERRY	MISSOURI	MONT.	50,000	284,000	160
	LOMBARD	MISSOURI	MONT.	25,000	181,000	85
				<u>102,500</u>	<u>664,000</u>	
<u>GALLATIN</u>						
	PLANT NO 2	GALLATIN	MONT.	3,400	21,000	70
	PLANT NO 1	GALLATIN	MONT.	3,400	21,000	70
	LOWER BASIN	GALLATIN	MONT.	14,000	66,000	236
				<u>20,800</u>	<u>108,000</u>	
<u>MADISON</u>						
R	ENNIS	MADISON	MONT.	58,000	283,000	370
	HIPPE	MADISON	MONT.	3,000	19,000	40
	SQUAW CREEK	MADISON	MONT.	9,500	56,000	120
	LYON	MADISON	MONT.	24,000	121,000	310
A	HEBGEN	MADISON	MONT.	12,000	64,000	165
				<u>106,500</u>	<u>543,000</u>	
<u>JEFFERSON</u>						
	JEFFERSON CANYON	JEFFERSON	MONT.	42,000	184,000	160
	GLEN	BIG HOLE	MONT.	25,000	110,000	155
	MELROSE	BIG HOLE	MONT.	80,000	350,000	710
				<u>147,000</u>	<u>644,000</u>	
	<u>MISSOURI RIVER TOTAL</u>			<u>9,129,300</u>	<u>43,747,300</u>	
<u>LOWER MISSISSIPPI RIVER</u>						
<u>RED</u>						
	FARMERVILLE	BAYDARBONNE	LA.	2,500	9,800	41
	ALABAMA LANDING	OUACHITA	LA.	40,000	160,000	30
	BENTON	SALINE	ARK.	6,500	23,100	88
	KIRKLAND	SMACKOVER CR	ARK.	1,700	7,100	50
	RIGGS BLUFF	LITTLE MISSOURI	ARK.	4,200	8,000	40
A	NARROWS	LITTLE MISSOURI	ARK.	8,500	0	142
	ROCKPORT	OUACHITA	ARK.	10,000	23,000	24
A	REMMEL	OUACHITA	ARK.	12,000	18,000	50
	CARPENTER	OUACHITA	ARK.	28,000	29,000	95
	BLAKELY MOUNTAIN	OUACHITA	ARK.	75,000	131,500	186
	DEGRAY	CADDO	ARK.	32,000	62,200	182
	CADDO GAP	CADDO	ARK.	1,700	6,200	97
	MORNINGSPOET	CYPRESS CR	LA.	3,000	9,400	18
	FARRELL BRIDGE	CYPRESS CR	TEX.	6,000	10,300	48
	AVINGER	BLACK CYPRESS CR	TEX.	2,600	2,500	55
	TEXARKANA	SULPHUR	TEX.	5,500	17,700	41
	DARDEN	SULPHUR	TEX.	3,800	12,700	43
	MILLWOOD	LITTLE	ARK.	3,400	22,500	32
	UPPER DIERKS	SALINE	ARK.	10,000	14,000	144
	RED HILL	COSSATOT	ARK.	3,000	11,000	46
	GILLHAM	COSSATOT	ARK.	30,000	43,000	156
	DE QUEEN	ROLLING FK	ARK.	15,000	20,000	120
	BROKEN BOW	MOUNTAIN FK	OKLA.	75,000	128,000	170
	NARROWS	MOUNTAIN FK	OKLA.	50,000	88,000	147
	IDABEL	LITTLE	OKLA.	14,700	38,600	70
	PINE CREEK	LITTLE	OKLA.	15,000	44,000	85
	LUKATA NO 1	GLOVER CR	OKLA.	20,000	37,000	154
	CANEY CREEK	LITTLE	OKLA.	10,000	26,000	140
	VALLIANT	RED	OKLA.-TEX.	30,000	164,000	26
	HUGO	KIAMICHI	OKLA.	8,100	35,100	46
	ARTHUR CITY	RED	OKLA.-TEX.	23,000	102,000	28
	BOSWELL	MUDDY BOGGY	OKLA.	6,000	51,800	46
	GARRETT'S BLUFF	RED	OKLA.-TEX.	39,000	131,000	48
	DURANT	BLUE	OKLA.	4,000	12,000	59
	WADE	OKLA.-TEX.	OKLA.-TEX.	24,000	70,000	29
	KEMP	RED	OKLA.-TEX.	24,000	70,000	29
A	DENISON	RED	TEX.	105,000	30,000	112
	DURWOOD	WASHITA	OKLA.	20,000	50,600	79
	DOUGERTY	WASHITA	OKLA.	25,000	62,800	101
	GAINESVILLE	RED	OKLA.-TEX.	90,000	219,000	106
	LAKE KEMP	WICHITA	TEX.	1,400	8,000	67
				<u>888,600</u>	<u>2,008,900</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>BIG BLACK</u>					
EDWARDS	BIG BLACK	MISS.	52,300	141,000	92
YAZOO			52,300	141,000	
GRENADA	YALOBUSHA	MISS.	5,000	19,000	30
ARKABUTLA	COLDWATER	MISS.	12,000	42,000	58
SARDIS	TALLAHATCHIE	MISS.	15,000	60,000	73
			32,000	121,000	
<u>ARKANSAS</u>					
DAM NO 9	ARKANSAS	ARK.	60,000	300,000	30
NIMROD	FOURCHE LA FAVE	ARK.	14,000	28,800	63
CONWAY	ARKANSAS	ARK.	88,000	480,000	36
DARDANELLE	ARKANSAS	ARK.	120,000	700,000	58
OZARK	ARKANSAS	ARK.	80,000	350,000	34
SHORT MOUNTAIN	ARKANSAS	OKLA.	160,000	780,000	79
EUFULA	CANADIAN	OKLA.	90,000	270,000	78
OKMULGEE	DEEP FK	OKLA.	5,000	11,000	35
WELTY	DEEP FK	OKLA.	3,300	7,200	31
WELEETKA	NORTH CANADIAN	OKLA.	11,500	43,000	122
HOLDEN	SOUTH CANADIAN	OKLA.	67,500	211,000	138
SANFORD	CANADIAN	TEX.	3,000	15,000	117
TENKILLER FERRY	ILLINOIS	OKLA.	34,000	100,000	144
WEBBERS FALLS	ARKANSAS	OKLA.	42,000	200,000	37
FORT GIBSON	GRAND	OKLA.	67,500	219,000	64
MARKHAM FERRY	GRAND	OKLA.	72,000	190,000	58
OOLOGAH	VERDIGRIS	OKLA.	14,000	70,000	76
KEYSTONE	ARKANSAS	OKLA.	60,000	169,000	74
PUEBLO	ARKANSAS	COLO.	11,000	33,000	157
SALIDA	ARKANSAS	COLO.	22,700	102,400	430
JOHNSON	ARKANSAS CANAL	COLO.	15,000	69,400	277
PRINCETON	ARKANSAS CANAL	COLO.	11,700	68,500	281
WAPACO	ARKANSAS CANAL	COLO.	16,500	125,900	499
GRANITE	CLEAR CR	COLO.	19,200	66,800	295
ELBERT	ARKANSAS CANAL	COLO.	8,700	39,000	520
			1,096,600	4,649,000	
<u>WHITE</u>					
JUDSONIA	LITTLE RED	ARK.	18,000	65,000	71
GREERS FERRY	LITTLE RED	ARK.	96,000	182,000	189
BELL FOLEY	STRAWBERRY	ARK.	10,000	16,000	80
HARDY	SPRING	ARK.	52,000	79,000	126
WATER VALLEY	ELEVEN POINT	ARK.	40,000	117,000	127
DONIPHAN	CURRENT	MO.	60,000	155,000	100
BLAIR CREEK	CURRENT	MO.	120,000	142,000	174
CLEARWATER	BLACK	MO.	28,000	46,800	104
WOLF BAYOU	WHITE	ARK.	210,000	747,000	127
NORFORK	NORTH FORK	ARK.	70,000	0	172
LONE ROCK	BUFFALO FK	ARK.	90,000	162,000	176
GILBERT	BUFFALO FK	ARK.	60,000	86,000	173
BUFFALO CITY	WHITE	ARK.	30,000	111,000	37
COTTER	WHITE	ARK.	33,000	107,000	38
BULL SHOALS	WHITE	ARK.	200,000	50,000	198
OZARK BEACH	WHITE	MO.	16,000	51,000	47
TABLE ROCK	WHITE	MO.	168,000	445,000	207
GALENA	JAMES	MO.	54,000	62,000	137
GRANDVIEW	KINGS	ARK.	38,000	53,000	159
BEAVER	WHITE	ARK.	64,000	147,000	182
			1,457,000	2,823,800	
<u>ST FRANCIS</u>					
WAPPAPELLO	ST FRANCIS	MO.	7,500	21,000	32
ROWLAND CHURCH	ST FRANCIS	MO.	35,000	51,000	98
MARBLE CREEK	ST FRANCIS	MO.	30,000	47,000	116
			72,500	119,000	
<u>MISSISSIPPI MAIN STREAM</u>					
COMMERCE	MISSISSIPPI	ILL.-MO.	896,000	2,231,000	56
RIVERSIDE	MISSISSIPPI	ILL.-MO.	580,000	2,200,000	35
			1,476,000	4,510,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MERAMEC</u>					
CEDAR HILL	BIG	MO.	8,000	25,000	69
UNION	BOURBEUSE	MO.	8,000	25,000	85
MERAMEC PARK	MERAMEC	MO.	14,000	50,000	93
			<u>30,000</u>	<u>100,000</u>	
<u>LOWER MISSISSIPPI TOTAL</u>			<u>5,105,000</u>	<u>14,472,700</u>	
<u>WESTERN GULF</u>					
<u>CALCASIEU</u>					
DAM NO 3	CALCASIEU	LA.	4,900	21,000	25
			<u>4,900</u>	<u>21,000</u>	
<u>SABINE</u>					
TOLEDO BEND	SABINE	TEX.	50,000	211,000	82
			<u>50,000</u>	<u>211,000</u>	
<u>NECHES</u>					
DAM B	NECHES	TEX.	3,500	30,000	31
MCGEE BEND	ANGELINA	TEX.	28,800	107,800	76
ROCKLAND	NECHES	TEX.	13,500	62,300	63
			<u>45,800</u>	<u>200,100</u>	
<u>TRINITY</u>					
BRIDGEPORT	WEST FK	TEX.	3,800	6,100	76
GARZA-LITTLE ELM	ELM FK	TEX.	5,000	19,000	74
GRAPEVINE	DENTON CR	TEX.	2,500	6,500	78
			<u>11,300</u>	<u>31,600</u>	
<u>BRAZOS</u>					
LAMPASSAS	LAMPASSAS	TEX.	3,300	6,500	101
BELTON	LEON	TEX.	18,900	29,000	109
WACO DAM	BOSQUE	TEX.	4,300	9,000	84
WHITNEY	BRAZOS	TEX.	30,000	98,400	102
BEE MOUNTAIN	BRAZOS	TEX.	25,000	60,000	78
CORDOVA BEND	BRAZOS	TEX.	45,000	78,000	91
HIGHTOWER	BRAZOS	TEX.	35,000	46,000	60
INSPIRATION POINT	BRAZOS	TEX.	25,000	48,000	69
TURKEY CREEK	BRAZOS	TEX.	22,000	44,000	65
MORRIS SHEPPARD	BRAZOS	TEX.	11,200	11,000	127
			<u>219,700</u>	<u>429,900</u>	
<u>COLORADO TEXAS</u>					
WEST POINT	COLORADO	TEX.	15,000	60,000	80
LOWER AUSTIN	COLORADO	TEX.	15,000	60,000	94
TANYARD	COLORADO	TEX.	45,000	105,000	127
SAN SABA	SAN SABA	TEX.	2,500	8,000	101
HANNA	COLORADO	TEX.	20,000	49,000	105
WINCHELL	COLORADO	TEX.	24,000	48,300	129
STACY	COLORADO	TEX.	15,000	37,000	150
NASWORTHY	SOUTH CONCHO	TEX.	1,700	4,000	70
			<u>138,200</u>	<u>371,300</u>	
<u>GUADALUPE</u>					
GONZALES	SAN MARCOS	TEX.	8,000	8,000	52
H 3	GUADALUPE	TEX.	2,500	9,000	35
H 2	GUADALUPE	TEX.	2,500	9,000	35
H 1	GUADALUPE	TEX.	2,500	9,000	35
G B 6	GUADALUPE	TEX.	5,000	11,000	38
G B 5	GUADALUPE	TEX.	5,000	11,000	45
G B 4	GUADALUPE	TEX.	5,000	10,000	35
RETENTION NO 2	GUADALUPE	TEX.	5,000	11,000	53
CANYON	GUADALUPE	TEX.	30,000	44,000	198
			<u>65,500</u>	<u>122,000</u>	
<u>NUECES</u>					
OAKVILLE	NUECES	TEX.	7,500	28,000	83
			<u>7,500</u>	<u>28,000</u>	
<u>RIO GRANDE</u>					
FALCON	RIO GRANDE	TEX.	31,500	125,000	100
PALAFIX	RIO GRANDE	TEX.	22,500	93,000	66
PECOS NO 1	PECOS	TEX.	27,000	45,000	205

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>RIO GRANDE CONT'D</u>					
PECOS NO 2	PECOS	TEX.	17,000	27,000	123
PECOS NO 3	PECOS	TEX.	16,000	21,000	99
PECOS NO 4	PECOS	TEX.	22,500	34,000	148
PACHECO BLUFF	PECOS	N. MEX.	3,000	10,000	101
ALAMOGORDO	PECOS	N. MEX.	7,000	17,000	140
AQUA VERDE	RIO GRANDE	TEX.	45,000	150,000	365
CABALLO	RIO GRANDE	N. MEX.	10,000	24,000	74
WHITE ROCK	RIO GRANDE	N. MEX.	30,000	160,000	210
CHAMITA	RIO CHAMA	N. MEX.	15,000	75,000	195
ABIQUIU	RIO CHAMA	N. MEX.	22,500	120,000	210
PLANT NO 3	RIO CHAMA	N. MEX.	15,000	71,000	130
PLANT NO 2	RIO CHAMA	N. MEX.	15,000	69,000	130
PLANT NO 1	RIO CHAMA	N. MEX.	15,000	67,000	130
EL VADO	RIO CHAMA	N. MEX.	15,000	85,000	176
WILLOW CREEK NO 4	WILLOW CR	N. MEX.	11,500	78,000	210
WILLOW CREEK NO 3	WILLOW CR	N. MEX.	8,000	58,000	151
WILLOW CREEK NO 2	WILLOW CR	N. MEX.	3,300	14,000	50
WILLOW CREEK NO 1	WILLOW CR	N. MEX.	5,700	24,000	90
COUNSELLOR	RIO CONEJOS	COLO.	5,800	21,000	135
NOTCH RAIL	RIO CONEJOS	COLO.	2,800	16,400	1,200
GERRARD	RIO GRANDE	COLO.	25,000	77,600	197
WAGON WHEEL	RIO GRANDE	COLO.	50,000	157,200	305
SANTA MARIA OUTLET	CLEAR CR	COLO.	8,000	32,600	700
SANTA MARIA INLET	CLEAR CR	COLO.	1,600	6,900	200
CLEAR CREEK	CLEAR CR	COLO.	1,800	8,200	220
RIO GRANDE	RIO GRANDE	COLO.	6,200	26,800	454
			458,700	1,713,700	
			<u>1,001,600</u>	<u>3,128,600</u>	
<u>WESTERN GULF TOTAL</u>					
<u>COLORADO RIVER</u>					
<u>GILA</u>					
HORSE SHOE	VERDE	ARIZ.	10,000	40,000	176
LIVINGSTON	SALT	ARIZ.	11,500	72,000	150
GLEASON FLAT	SALT	ARIZ.	43,500	279,000	625
MULE HOOF	SALT	ARIZ.	13,500	75,000	200
WALNUT CANYON	SALT	ARIZ.	25,200	136,000	375
KNOB	SALT	ARIZ.	28,500	136,000	440
BUTTES	GILA	ARIZ.	6,000	35,000	165
HOOKEER	GILA	N. MEX.	3,000	8,000	250
			141,200	781,000	
<u>ALL AMERICAN CANAL</u>					
DROP NO 5	ALL AMERICAN CANAL	CALIF.	5,000	24,100	24
DROP NO 3	ALL AMERICAN CANAL	CALIF.	4,800	8,700	26
DROP NO 2	ALL AMERICAN CANAL	CALIF.	9,600	49,100	26
PILOT KNOB	ALL AMERICAN CANAL	CALIF.	33,000	55,300	58
			52,400	137,200	
<u>COLORADO MAIN STREAM</u>					
HEADGATE ROCK	COLORADO	ARIZ.	26,000	135,400	23
			26,000	135,400	
<u>WILLIAMS</u>					
ALAMO	WILLIAMS	ARIZ.	4,500	12,600	235
			4,500	12,600	
<u>COLORADA MAIN STREAM</u>					
HOOVER	COLORADO	NEV.	82,500	0	530
			82,500	0	
<u>VIRGIN</u>					
WARNER VALLEY	VIRGIN	UTAH	5,400	25,000	480
BENCH LAKE	DIXIE CANAL	UTAH	2,200	11,000	120
VIRGIN	DIXIE CANAL	UTAH	5,600	26,000	261
			13,200	62,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>COLORADO MAIN STREAM</u>					
BRIDGE CANYON	COLORADO	ARIZ.	1,200,000	4,572,000	656
KANAB CREEK	COLORADO	ARIZ.	1,100,000	7,379,000	1,260
MARBLE CANYON	COLORADO	ARIZ.	22,000	171,000	275
GLEN CANYON	COLORADO	ARIZ.	800,000	3,476,000	560
			<u>3,122,000</u>	<u>15,598,000</u>	
<u>SAN JUAN</u>					
SLICK HORN CANYON	SAN JUAN	UTAH	62,000	272,000	208
GOOSENECKS	SAN JUAN	UTAH	51,000	225,000	177
BLUFF	SAN JUAN	UTAH	85,000	458,000	354
NAVAJO	SAN JUAN	N. MEX.	30,000	41,000	325
ANIMAS GORGE	ANIMAS	COLO.	13,500	118,000	625
LIME CREEK	ANIMAS	COLO.	70,000	294,000	1,155
HOWARDVILLE	ANIMAS	COLO.	12,000	51,600	542
EMERALD LAKES	LOS PINOS	COLO.	26,000	107,800	1,973
TURKEY CREEK	SAN JUAN	COLO.	2,500	16,000	300
			<u>352,000</u>	<u>1,583,400</u>	
<u>GREEN</u>					
MEXICAN BEND	SAN RAFAEL	UTAH	7,400	38,800	245
BLACK BOX	SAN RAFAEL	UTAH	18,000	93,700	600
COTTONWOOD	COTTONWOOD CR	UTAH	7,000	24,500	780
GRAY CANYON	GREEN	UTAH	210,000	945,000	440
RANGELY	WHITE	COLO.	6,300	58,000	180
UPPER WHITEROCKS	WHITEROCK CR	UTAH	7,300	58,000	1,200
UINTA RIVER	UINTA	UTAH	9,600	74,900	1,500
MOON LAKE	LAKE FK	UTAH	4,000	19,000	355
UPPER WEST FORK	LAKE FK	UTAH	4,600	34,700	800
YELLOWSTONE	YELLOWSTONE CR	UTAH	14,000	55,000	1,500
ROCK CREEK	ROCK CR	UTAH	7,500	54,000	1,200
SPLIT MOUNTAIN	GREEN	UTAH	100,000	436,000	315
ECHO PARK	GREEN	COLO.	200,000	717,000	520
LILY PARK	YAMPA	COLO.	7,500	39,000	70
SLATER FALLS	SLATER FK	COLO.	7,500	43,000	454
CROSS MOUNTAIN	YAMPA	COLO.	60,000	330,000	440
ASHLEY	GREEN	UTAH	72,000	337,000	435
BURNT LAKE	FALL CR	WYO.	1,500	9,000	627
			<u>744,200</u>	<u>3,360,600</u>	
<u>COLORADO MAIN STREAM</u>					
MOAB	COLORADO	UTAH	110,000	481,000	138
DEWEY	COLORADO	UTAH	180,000	797,000	325
			<u>290,000</u>	<u>1,278,000</u>	
<u>DOLORES</u>					
HORSEFLY CREEK	SAN MIGUEL	COLO.	2,700	23,300	406
MCKENZIE CREEK	SAN MIGUEL	COLO.	3,200	24,000	426
SAWPIT	SAN MIGUEL	COLO.	3,400	25,000	490
			<u>9,300</u>	<u>72,300</u>	
<u>GUNNISON</u>					
BRIDGEPORT	GUNNISON	COLO.	48,000	249,000	240
OURAY NO 3	UNCOMPAGRE	COLO.	4,000	25,000	475
OURAY NO 2	UNCOMPAGRE	COLO.	5,000	28,600	750
OURAY NO 1	UNCOMPAGRE	COLO.	7,000	36,800	1,130
BLACK CANYON	GUNNISON	COLO.	90,000	506,000	1,070
CRYSTAL	GUNNISON	COLO.	48,000	244,000	300
BLUE MESA	GUNNISON	COLO.	54,000	300,000	470
GATEVIEW	LAKE FK	COLO.	4,200	32,000	330
LAKE FORK	LAKE FK	COLO.	7,500	40,700	380
ALMON	TAYLOR	COLO.	4,800	39,400	300
SPRING CREEK	TAYLOR	COLO.	7,000	56,500	440
CRYSTAL CREEK	TAYLOR	COLO.	7,200	63,000	315
			<u>286,700</u>	<u>1,621,000</u>	
<u>COTTONWOOD CREEK</u>					
CAMEO	COLBRAN PIPELINE	COLO.	2,400	21,000	2,230
MOLINA	COLBRAN PIPELINE	COLO.	5,000	38,000	2,721
			<u>7,400</u>	<u>59,000</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MEADOW CREEK</u>					
ELECTRA	MEADOW CR	COLO.	4,700	41,000	1,700
			4,700	41,000	
<u>ROARING FORK</u>					
CARDIFF	ROARING FK	COLO.	4,100	31,000	94
RED CANYON	ROARING FK	COLO.	4,700	36,000	103
CRYSTAL RIVER	ROARING FK	COLO.	6,300	48,000	149
CARBONDALE	ROARING FK	COLO.	6,200	47,500	202
EMMA	ROARING FK	COLO.	6,500	50,000	222
BASALT	ROARING FK	COLO.	3,700	28,000	132
SNOWMASS CREEK	ROARING FK	COLO.	4,500	36,000	248
WOODY CREEK	ROARING FK	COLO.	6,400	51,000	450
CASTLE CREEK	ROARING FK	COLO.	4,200	34,000	425
ASPEN	ROARING FK	COLO.	2,500	21,500	405
LINCOLN GULCH	ROARING FK	COLO.	2,800	21,500	1,490
			51,900	404,500	
<u>COLORADO MAIN STREAM</u>					
GLENWOOD SPRINGS	COLORADO	COLO.	22,000	181,000	205
			22,000	181,000	
<u>EAGLE</u>					
GYPSUM CREEK	EAGLE	COLO.	4,400	32,000	243
BRUSH CREEK	EAGLE	COLO.	2,800	20,000	220
			7,200	52,000	
<u>COLORADO MAIN STREAM</u>					
GORE CANYON	COLORADO	COLO.	20,000	97,700	363
			20,000	97,700	
<u>BLUE</u>					
ACORN CREEK	BLUE	COLO.	2,700	20,500	235
			2,700	20,500	
<u>COLORADO RIVER TOTAL</u>			5,239,900	25,497,200	
<u>GREAT BASIN</u>					
<u>TRUCKEE</u>					
MYSTIC	TRUCKEE	NEV.	28,000	112,000	595
STAMPEDE	LITTLE TRUCKEE	CALIF.	4,000	20,000	319
INDEPENDENCE	LITTLE TRUCKEE	CALIF.	6,000	20,000	950
PROSSER	TRUCKEE	CALIF.	5,000	33,000	300
			43,000	185,000	
<u>CARSON LAKE</u>					
DIAMOND VALLEY	W FK CARSON	CALIF.	8,600	48,000	350
WOODFORDS	W FK CARSON	CALIF.	40,000	204,000	1,800
			48,600	252,000	
<u>WALKER LAKE</u>					
ANTELOPE VALLEY	WEST WALKER	CALIF.	21,000	140,000	1,000
CHRIS FLAT	WEST WALKER	CALIF.	6,400	42,000	355
LEAVITT MEADOW	WEST WALKER	CALIF.	4,200	22,000	347
			31,600	204,000	
<u>OWENS</u>					
PINE CREEK	PINE CR	CALIF.	9,000	50,000	2,290
POWER HOUSE NO 3	COTTONWOOD CR	CALIF.	0	8,000	1,267
POWER HOUSE NO 2	COTTONWOOD CR	CALIF.	5,000	32,000	2,166
POWER HOUSE NO 1	COTTONWOOD CR	CALIF.	4,000	24,000	2,077
BIG PINE NO 2	BIG PINE CR	CALIF.	5,400	34,000	1,789
BIG PINE NO 1	BIG PINE CR	CALIF.	3,000	23,000	1,209
BISHOP CREEK NO 1	BISHOP CR	CALIF.	3,500	28,000	900
UPPER GORGE	OWENS	CALIF.	37,500	155,000	792
MONO CRATERS	OWENS	CALIF.	4,000	24,400	197
ROCK CREEK NO 3	ROCK CR	CALIF.	4,500	26,000	800
ROCK CREEK NO 2	ROCK CR	CALIF.	12,500	78,000	2,515
ROCK CREEK NO 1	ROCK CR	CALIF.	6,500	41,000	1,545
			94,900	525,400	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u>	<u>RIVER</u>	<u>STATE</u>	<u>INSTALLED CAPACITY KW</u>	<u>AV. ANNUAL GENERATION 1,000 KWH</u>	<u>GROSS HEAD FT.</u>
<u>GREAT SALT LAKE</u>					
UPPER LOGAN	LOGAN	UTAH	6,200	47,500	800
MINK	BEAR	IDAHO	20,000	60,600	115
LAVA	BEAR	IDAHO	13,400	37,900	99
COKEVILLE	BEAR	WYO.	9,000	50,000	210
WANSHIP	S. FK OGDEN	UTAH	1,400	5,700	108
GATEWAY	WEBER	UTAH	4,000	16,000	136
ALTA TUNNEL	COTTONWOOD CR	UTAH	5,000	15,500	650
DEER CREEK	PROVO	UTAH	5,000	21,000	141
CASTILLA	DIAMOND CR	UTAH	6,000	49,000	415
TANNER	DIAMOND CR	UTAH	26,000	121,000	232
HAMMOCK	FIF H WATER	UTAH	160,000	789,000	1,532
FIFTH WATER	FIFTH WATER	UTAH	30,000	120,000	378
OLD WEST	SIXTH WATER	UTAH	9,000	47,000	378
			<u>295,000</u>	<u>1,380,200</u>	
<u>GREAT BASIN TOTAL</u>			<u>513,100</u>	<u>2,544,600</u>	
<u>NORTH PACIFIC</u>					
<u>NOOKSACK</u>					
NOOKSACK FALLS	NOOKSACK	WASH.	33,000	205,000	750
SKOOKUM CREEK	NOOKSACK	WASH.	20,300	158,600	560
			<u>53,300</u>	<u>363,600</u>	
<u>WHATCOM CREEK</u>					
WHATCOM CREEK NO 2	WHATCOM CR	WASH.	2,400	19,200	40
WHATCOM CREEK NO 1	WHATCOM CR	WASH.	14,400	115,200	250
			<u>16,800</u>	<u>134,400</u>	
<u>SKAGIT</u>					
LYMAN	SKAGIT	WASH.	65,000	371,400	770
THE DALLÉS	SKAGIT	WASH.	42,000	277,200	31
BAKER RIVER	BAKER	WASH.	28,800	186,000	259
UPPER BAKER	BAKER	WASH.	50,600	301,300	269
LOWER SAUK	SAUK	WASH.	70,000	430,100	218
UPPER SAUK	DAN CR	WASH.	45,000	350,400	605
NORTH FORK SAUK	N FK SAUK	WASH.	29,000	212,000	845
SLOAN CREEK	N FK SAUK	WASH.	9,500	67,000	400
LOWER WHITECHUCK	WHITECHUCK	WASH.	14,700	104,200	795
UPPER WHITECHUCK	WHITECHUCK	WASH.	14,300	100,700	1,200
LOWER SUIATTLE	SUIATTLE	WASH.	31,000	241,800	505
BUCK CREEK NO 1A	BUCK CR	WASH.	12,000	76,600	1,200
BUCK CREEK NO 1	SUIATTLE	WASH.	19,900	153,300	380
DOWNEY CREEK NO 1	SUIATTLE	WASH.	12,200	92,800	385
DOWNEY CREEK NO 1A	SULPHUR CR	WASH.	24,100	156,800	1,115
UPPER SUIATTLE	SUIATTLE	WASH.	18,400	140,200	625
ILLABOT CREEK	ILLABOT CR	WASH.	13,500	96,400	1,000
CASCADE	CASCADE	WASH.	50,000	320,000	610
COUNTY LINE	SKAGIT	WASH.	90,000	414,300	115
A GORGE	SKAGIT	WASH.	18,600	0	292
A DIABLO	SKAGIT	WASH.	120,000	168,200	330
A THUNDER CREEK	THUNDER CR	WASH.	13,000	98,000	640
ROSS	SKAGIT	WASH.	270,000	127,000	520
			<u>1,061,600</u>	<u>4,485,700</u>	
<u>STILLAQUAMISH</u>					
JORDEN	S FK STILLAQUAMISH	WASH.	6,800	55,200	117
GRANITE FALLS	S FK STILLAQUAMISH	WASH.	17,500	136,400	255
ROBE	S FK STILLAQUAMISH	WASH.	30,000	246,600	480
TYREE	S FK STILLAQUAMISH	WASH.	15,000	99,500	290
OSO	N FK STILLAQUAMISH	WASH.	15,800	108,000	136
DEER CREEK	N FK STILLAQUAMISH	WASH.	50,000	179,700	886
			<u>135,100</u>	<u>825,400</u>	
<u>SNOHOMISH</u>					
SULTAN	SULTAN	WASH.	110,000	385,000	850
WALLACE LAKE	E FK WALLACE	WASH.	22,000	177,800	1,255
SUNSET FALLS	SKYKOMISH	WASH.	84,500	591,000	520
MILLER FORKS	MILLER CR	WASH.	4,500	32,400	310
EAST FORK MILLER	E FK MILLER CR	WASH.	4,900	38,400	770
LAKE DOROTHY	E FK MILLER CR	WASH.	3,500	30,600	1,070
UPPER SOUTH FORKS	SKYKOMISH	WASH.	8,100	57,000	120
TONGA	FOSS	WASH.	7,600	56,600	495

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SNOHOMISH CONT'D</u>						
ALTURAS LAKE		E FK FOSS	WASH.	5,000	37,800	440
BECKLER		BECKLER	WASH.	13,700	93,200	535
TROUT CREEK		TROUT CR	WASH.	2,300	15,100	850
GIDDINGS CREEK		N FK SKYKOMISH	WASH.	13,500	94,100	450
TROUBLESOME NO 2		TROUBLESOME CR	WASH.	3,100	23,600	750
TROUBLESOME NO 1		TROUBLESOME CR	WASH.	3,600	31,900	2,120
UPPER FALLS		S FK SNOQUALMIE	WASH.	8,500	58,000	500
MOUNT SI		M FK SNOQUALMIE	WASH.	46,800	315,400	511
LOWER NORTH FORK		N FK SNOQUALMIE	WASH.	34,000	197,100	525
CALLIGAN CREEK		N FK SNOQUALMIE	WASH.	22,300	106,000	465
SNOQUALMIE FALLS		SNOQUALMIE	WASH.	35,100	217,200	270
				433,000	2,557,600	
<u>PUYALLUP</u>						
A WHITE RIVER		WHITE	WASH.	38,000	4,000	487
MUD MOUNTAIN		WHITE	WASH.	50,000	400,000	505
TWIN CREEK		WHITE	WASH.	15,000	95,000	530
WEST FORK MOUTH		W FK WHITE	WASH.	4,800	34,200	560
HUCKLEBERRY		WHITE	WASH.	3,500	24,700	195
EAST FORK RAINIER		E FK WHITE	WASH.	4,900	35,000	360
CARBON NO 3		CARBON	WASH.	9,000	60,000	480
CARBON NO 2		CARBON	WASH.	9,000	60,000	470
CARBON NO 1		CARBON	WASH.	10,100	74,500	705
ORTING		PUYALLUP	WASH.	14,000	120,000	442
MOWICH NO 1A		PUYALLUP	WASH.	4,500	33,300	575
MOWICH NO 1		MOWICH	WASH.	7,200	53,400	815
				170,000	994,100	
<u>NISQUALLY</u>						
CENTRALIA		NISQUALLY	WASH.	11,000	87,600	208
TR NISQUALLY		NISQUALLY	WASH.	6,800	55,700	87
PARK JUNCTION NO 2		NISQUALLY	WASH.	3,900	28,400	115
PARK JUNCTION NO 1		NISQUALLY	WASH.	9,600	71,800	550
				31,300	243,500	
<u>HOOD CANAL</u>						
TUNNEL CREEK		QUILCENE	WASH.	5,800	40,700	944
CHANDLER		DOSEWALLIPS	WASH.	5,500	40,500	170
NAMELESS		DOSEWALLIPS	WASH.	6,100	43,400	330
JUMP OFF		DOSEWALLIPS	WASH.	15,000	78,800	620
INTERROREM		DUCKABUSH	WASH.	5,900	44,400	300
CLIFF CREEK		DUCKABUSH	WASH.	6,600	45,600	400
HIGHCLIFFS		DUCKABUSH	WASH.	7,800	54,200	572
HAMMA NO 1		HAMMA HAMMA	WASH.	12,000	89,300	504
STAIRCASE		SKOKOMISH	WASH.	5,200	35,200	275
SEVEN STREAMS		SKOKOMISH	WASH.	6,000	41,000	490
				75,900	513,100	
<u>DUNGENESS</u>						
12 PM NO 24		DUNGENESS	WASH.	2,600	13,100	160
12 PM NO 23		DUNGENESS	WASH.	5,800	29,100	334
FORKS		DUNGENESS	WASH.	5,000	36,600	294
GREY WOLF		GREY WOLF	WASH.	3,600	27,000	512
GOLD CREEK		DUNGENESS	WASH.	2,800	20,500	358
UPPER DUNGENESS		DUNGENESS	WASH.	4,600	33,600	954
				24,400	159,900	
<u>ELWHA</u>						
TAILWATER		ELWHA	WASH.	7,200	56,600	82
MCDONALD		ELWHA	WASH.	17,000	136,000	225
GEYSER BASIN		ELWHA	WASH.	10,000	79,800	190
WINDFALL CREEK		ELWHA	WASH.	11,400	91,200	290
LITTLE LOST		ELWHA	WASH.	10,500	84,200	290
PRESS VALLEY		ELWHA	WASH.	5,700	46,800	220
GODMAN CREEK		ELWHA	WASH.	2,400	17,400	230
DELABARRE CREEK		ELWHA	WASH.	1,500	10,700	282
				65,700	522,700	
<u>LYRE</u>						
LOWER LYRE		LYRE	WASH.	11,900	100,300	290
LAKE CRESCENT		LYRE	WASH.	12,500	105,400	297
				24,400	205,700	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

<u>DRAINAGE AND RIVER BASIN</u> NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SOLEDUCK</u>					
FAIRHOLM	SOLEDUCK	WASH.	17,700	119,000	481
HOH			17,700	119,000	
LOG JAM	HOH	WASH.	22,000	191,500	150
OXBOW	HOH	WASH.	24,000	211,500	170
BENDS	S FK HOH	WASH.	5,200	38,800	240
FORDS	S FK HOH	WASH.	3,000	21,800	125
SLATE CREEK	S FK HOH	WASH.	13,500	100,100	1,300
SPRUCE CREEK	HOH	WASH.	4,600	34,000	70
TWIN CREEK	HOH	WASH.	8,200	60,800	200
MINERAL CREEK	HOH	WASH.	4,600	33,900	150
GLIDE CREEK	HOH	WASH.	8,500	62,900	380
			93,600	755,300	
<u>QUEETS</u>					
LOWER QUEETS	QUEETS	WASH.	17,000	74,500	68
UPPER QUEETS	QUEETS	WASH.	10,000	43,800	803
			27,000	118,300	
<u>QUINAULT</u>					
QUINAULT LAKE	QUINAULT	WASH.	13,800	99,500	95
SOUTH FORK	QUINAULT	WASH.	15,400	104,000	190
RUSTLER RIVER	QUINAULT	WASH.	13,100	88,900	300
			42,300	292,400	
<u>CHEHALIS</u>					
LOWER CANYON	WYNOOCHEE	WASH.	9,100	76,400	164
SAVE CREEK	WYNOOCHEE	WASH.	5,700	47,300	152
WEATHERWAX	WYNOOCHEE	WASH.	12,000	100,000	284
			26,800	223,700	
<u>NORTH</u>					
NORTH RIVER	NORTH	WASH.	20,000	87,600	112
			20,000	87,600	
<u>COLUMBIA BASIN</u>					
<u>COWLITZ</u>					
CASTLE ROCK	COWLITZ	WASH.	260,000	1,000,000	200
KID VALLEY	TOUTLE	WASH.	94,000	350,000	475
UPPER GREEN	GREEN	WASH.	5,000	21,900	250
ELK CREEK	TOUTLE	WASH.	10,000	72,700	500
COLDWATER CREEK	TOUTLE	WASH.	8,200	61,000	600
SPIRIT LAKE	TOUTLE	WASH.	4,800	41,600	1,124
MAYFIELD	COWLITZ	WASH.	160,000	545,000	185
TILTON	TILTON	WASH.	33,000	128,000	385
MOSSYROCK	COWLITZ	WASH.	300,000	855,000	325
COWLITZ FALLS	COWLITZ	WASH.	210,000	797,000	330
GREENHORN CREEK	CISPUS	WASH.	47,000	190,000	285
MUDDY FORK	CISPUS	WASH.	80,000	287,300	1,450
WALUPT LAKE	CISPUS	WASH.	8,000	30,700	600
PACKWOOD LAKE	LAKE CR	WASH.	20,000	90,000	887
SILVER FALLS	OHANAPECOSH	WASH.	23,200	184,400	930
			1,263,200	4,654,600	
<u>LEWIS</u>					
MERWIN	LEWIS	WASH.	90,000	0	185
YALE	LEWIS	WASH.	216,000	550,000	250
SWIFT CREEK	SWIFT CR	WASH.	7,000	48,300	810
SWIFT	LEWIS	WASH.	50,000	337,000	345
PINE CREEK	PINE CR	WASH.	2,700	18,300	470
MUDDY	LEWIS	WASH.	35,000	260,000	365
CLEARWATER CREEK	MUDDY	WASH.	6,500	49,400	330
PARADISE FALLS	CLEARWATER CR	WASH.	17,000	67,500	920
CLEAR CREEK	CLEAR CR	WASH.	5,800	39,000	750
RUSH CREEK	RUSH CR	WASH.	4,300	30,000	1,250
BIG MEADOW	BIG CR	WASH.	14,400	126,000	2,110
CASCADE GORGE	LEWIS	WASH.	22,000	99,000	285
QUARTZ CREEK	LEWIS	WASH.	12,700	92,300	415
STEAMBOAT CREEK	LEWIS	WASH.	9,500	73,500	550
			492,900	1,790,300	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>WILLAMETTE</u>						
A	CLEAR CREEK	CLACKAMAS	OREG.	16,000	72,900	40
	LOWER CLACKAMAS	CLACKAMAS	OREG.	72,000	331,000	180
A	CAZADERO	CLACKAMAS	OREG.	0	29,000	133
	CLIFF	CLACKAMAS	OREG.	108,000	510,700	480
A	OAK GROVE	CLACKAMAS	OREG.	25,500	20,000	925
	NOWHERE MEADOW	CLACKAMAS	OREG.	28,000	177,800	240
A	TIMOTHY MEADOW	CLACKAMAS	OREG.	30,000	167,300	1,210
	BIG BOTTOM	CLACKAMAS	OREG.	20,000	85,200	340
A	SCOTTS MILLS	BUT E CR	OREG.	3,100	19,500	650
	CAMP CREEK	ABIQUA CR	OREG.	3,600	22,600	500
A	HEADWATERS	ABIQUA CR	OREG.	2,400	15,100	800
	SILVERTON	SILVER CR	OREG.	3,800	24,100	800
A	PELKEY	MOLALLA	OREG.	4,700	34,600	260
	HEADWATERS	MOLALLA	OREG.	5,300	35,400	475
A	ALBANY SITES	SOUTH SANTIAM	OREG.	11,000	89,600	175
	WATERLOO DIVERSION	SOUTH SANTIAM	OREG.	3,800	30,000	65
A	MCDOWELL CREEK	SOUTH SANTIAM	OREG.	2,700	22,000	50
	FOSTER DIVERSION	SOUTH SANTIAM	OREG.	7,600	61,800	100
A	WHITE BRIDGE	MIDDLE SANTIAM	OREG.	15,000	66,000	93
	GREEN PETER	MIDDLE SANTIAM	OREG.	81,000	212,000	321
A	BEAR CREEK	MIDDLE SANTIAM	OREG.	11,700	73,600	800
	ROBERTS DIVERSION	QUARTZVILLE CR	OREG.	3,700	23,300	200
A	PACKERS GULCH	QUAR ZVILLE CR	OREG.	8,600	54,200	600
	JUNCTION DIVERSION	SOUTH SANTIAM	OREG.	3,100	23,200	126
A	CASCADIA	SOUTH SANTIAM	OREG.	15,000	70,000	258
	PATTERSON	SOUTH SANTIAM	OREG.	2,900	22,800	164
A	MEHAMA DIVERSION	NORTH SANTIAM	OREG.	40,000	208,500	207
	MILL CITY	NORTH SANTIAM	OREG.	42,000	207,000	219
A	BIG CLIFF	NORTH SANTIAM	OREG.	18,000	104,000	97
	DETROIT	NORTH SANTIAM	OREG.	100,000	340,000	377
A	BYARS CREEK	BREITENBUSH	OREG.	11,000	63,000	250
	TUNNEL	NORTH SANTIAM	OREG.	25,000	106,000	290
A	MINTO	NORTH SANTIAM	OREG.	18,000	72,900	250
	MARION LAKE	MARION CR	OREG.	22,000	154,100	1,500
A	HAYDEN BRIDGE	MC KENZIE	OREG.	9,000	73,600	90
	DEERHORN	MC KENZIE	OREG.	4,000	32,400	44
A	VIDA	MCKENZIE	OREG.	30,000	240,000	200
	QUARTZ CREEK	MCKENZIE	OREG.	18,000	142,000	80
A	BLUE RIVER	BLUE	OREG.	16,000	71,000	330
	LOWER COUGAR	MCKENZIE	OREG.	30,000	236,500	228
A	COUGAR	S FK MCKENZIE	OREG.	25,000	122,000	418
	HARDY CREEK	S FK MCKENZIE	OREG.	3,300	28,900	290
A	AUGUSTA CREEK	S FK MCKENZIE	OREG.	4,900	42,700	430
	MCKENZIE BRIDGE	MCKENZIE	OREG.	10,000	78,800	85
A	HORSE CREEK	HORSE CR	OREG.	5,300	46,400	330
	FOLEY SPRINGS	HORSE CR	OREG.	4,900	42,900	280
A	RAINBOW CREEK	SEPARATION CR	OREG.	8,700	76,200	720
	HARVEY CREEK	SEPARATION CR	OREG.	7,000	61,000	850
A	THREE SISTERS	SEPARATION CR	OREG.	9,100	79,700	1,350
	BELKNAP	MCKENZIE	OREG.	35,000	229,000	385
A	DEER CREEK	MCKENZIE	OREG.	9,000	71,000	170
	SMITH RIVER	MCKENZIE	OREG.	9,000	79,000	300
A	LOWER FALLS	MCKENZIE	OREG.	11,300	90,200	270
	MIDDLE FALLS	MCKENZIE	OREG.	4,400	35,100	150
A	UPPER FALLS	MCKENZIE	OREG.	5,600	44,900	250
	DEXTER	MCKENZIE	OREG.	15,000	80,000	56
A	LOOKOUT POINT	M FK WILLAMETTE	OREG.	114,000	286,000	233
	MILE 67	M FK WILLAMETTE	OREG.	26,000	95,500	300
A	NORTH FORK NO 2	NORTH FK	OREG.	3,000	22,000	150
	NORTH FORK NO 1	NORTH FK	OREG.	18,500	103,000	580
A	SALMON CREEK	NORTH FK	OREG.	30,000	162,000	1,020
	WALDO LAKE	SALMON CR	OREG.	21,000	29,000	1,960
A	HILLS CREEK	BLACK CR	OREG.	20,000	110,000	275
	MILE 56	M FK WILLAMETTE	OREG.	6,800	48,000	215
A	BOULDER CREEK	MIDDLE FK	OREG.	7,000	48,200	370
	STALEY CREEK	MIDDLE FK	OREG.	6,500	45,600	390
A	SWIFT CREEK	MIDDLE FK	OREG.	7,000	42,200	800
	ROCKY POINT	MIDDLE FK	OREG.	4,500	35,200	175
<u>SANDY</u>				1,303,300	6,573,200	
A	MARMOT	SANDY	OREG.	33,500	231,900	600
	WELCHES	SALMON	OREG.	9,800	63,800	350

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SANDY CONT'D</u>					
LINNEY	SALMON	OREG.	18,600	123,900	820
MEADOWS	SALMON	OREG.	5,200	35,400	420
			67,100	455,000	
<u>COLUMBIA MAIN STREAM</u>					
BONNEVILLE	COLUMBIA	OREG.	0	200,000	66
				200,000	
<u>LITTLE WHITE SALMON</u>					
ROCK HATCH	LIT WHITE SALMON	WASH.	12,700	83,800	515
ROCK CREEK	LIT WHITE SALMON	WASH.	14,200	94,000	645
			26,900	177,800	
<u>WHITE SALMON</u>					
ELEVATION 295	WHITE SALMON	WASH.	3,200	25,100	65
HUSUM BRIDGE	WHITE SALMON	WASH.	12,900	99,400	290
GILMER CREEK	WHITE SALMON	WASH.	14,700	111,700	420
FOOT OF FALLS	WHITE SALMON	WASH.	18,200	138,100	550
SPLASH DAM	WHITE SALMON	WASH.	6,000	45,900	270
TROUT CREEK	WHITE SALMON	WASH.	2,600	20,800	510
			57,600	441,000	
<u>KLICKITAT</u>					
FOOT OF RAPIDS	KLICKITAT	WASH.	4,600	35,300	75
HEAD BOX CANON	KLICKITAT	WASH.	15,200	116,400	295
WRIGHT	KLICKITAT	WASH.	5,500	41,900	120
LITTLE KLICKITAT	KLICKITAT	WASH.	12,000	92,000	290
ALVORDS BRIDGE	KLICKITAT	WASH.	12,300	94,400	300
OUTLET CREEK	KLICKITAT	WASH.	30,700	236,400	827
BIG MUDDY	KLICKITAT	WASH.	15,500	119,300	563
MIDDLE BIG MUDDY	BIG MUDDY CR	WASH.	8,200	56,400	968
WEST FORK	W FK KLICKITAT	WASH.	3,800	30,000	467
WEST FORK	KLICKITAT	WASH.	2,800	21,900	170
CASTLE FORD	KLICKITAT	WASH.	2,800	29,500	280
MCCREEDY CREEK	KLICKITAT	WASH.	3,100	23,700	335
			117,500	897,200	
<u>COLUMBIA MAIN STREAM</u>					
THE DALLES	COLUMBIA	WASH.	1,500,000	7,450,000	88
			1,500,000	7,450,000	
<u>DESCHUTES</u>					
MOODY	DESCHUTES	OREG.	64,000	377,000	132
LOCKIT	DESCHUTES	OREG.	34,000	201,500	70
RECLAMATION	DESCHUTES	OREG.	46,000	271,600	95
SINAMOX	DESCHUTES	OREG.	43,000	254,000	90
OAK BROOK	DESCHUTES	OREG.	31,000	184,000	65
SHERAR FALLS	DESCHUTES	OREG.	36,000	210,000	75
OAK SPRINGS	DESCHUTES	OREG.	13,000	79,000	35
MAUPIN	DESCHUTES	OREG.	48,000	280,000	120
FRIEDA	DESCHUTES	OREG.	58,000	341,600	145
WHITE HORSE	DESCHUTES	OREG.	38,500	285,600	138
PELTON	DESCHUTES	OREG.	108,000	375,000	152
ROUND BUTTE	DESCHUTES	OREG.	225,000	700,000	285
WHITE WATER	METOLIUS	OREG.	20,600	153,300	260
JEFFERSON	METOLIUS	OREG.	26,500	197,100	400
JACKS CREEK	METOLIUS	OREG.	11,900	88,500	300
			803,500	3,998,200	
<u>COLUMBIA MAIN STREAM</u>					
JOHN DAY	COLUMBIA	WASH.	1,530,000	8,050,000	95
MCMARY	COLUMBIA	OREG.	980,000	7,000,000	85
			2,510,000	15,050,000	
<u>SNAKE</u>					
ICE HARBOR	SNAKE	WASH.	325,000	2,000,000	100
LITTLE MONUMENTAL	SNAKE	WASH.	300,000	1,850,000	93
LITTLE GOOSE	SNAKE	WASH.	325,000	2,015,000	100
LOWER GRANITE	SNAKE	WASH.	275,000	1,630,000	82
LAPWAI	CLEARWATER	IDAHO	73,000	285,000	35
MYRTLE	CLEARWATER	IDAHO	131,000	513,000	66
AGATHA	CLEARWATER	IDAHO	105,000	407,000	53
PECK	CLEARWATER	IDAHO	70,000	272,000	35

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SNAKE CONT'D</u>					
BRUCES EDDY	N FK CLEARWATER	IDAHO	180,000	762,000	365
ELKBERRY	N FK CLEARWATER	IDAHO	210,000	964,000	523
ROCK CREEK	N FK CLEARWATER	IDAHO	364,000	1,419,000	600
LOST CREEK	N FK CLEARWATER	IDAHO	13,000	50,000	49
FISHER CREEK	N FK CLEARWATER	IDAHO	10,000	73,000	268
KELLEY CREEK	N FK CLEARWATER	IDAHO	33,000	128,000	400
JIM FORD	CLEARWATER	IDAHO	26,000	227,800	66
KOOSKIA	CLEARWATER	IDAHO	440,000	1,725,000	514
JERRY JOHNSON	LOCHSA	IDAHO	46,000	177,800	290
WENDOVER	LOCHSA	IDAHO	105,000	446,800	718
SELWAY FALLS	SELWAY	IDAHO	65,000	252,300	140
MEADOW CREEK	MEADOW CR	IDAHO	2,500	18,700	210
WOLF CREEK	SELWAY	IDAHO	103,000	400,300	286
MOOSE CREEK	SELWAY	IDAHO	240,000	718,300	592
RUNNING CREEK	SELWAY	IDAHO	50,000	197,000	302
WHITE CAP	SELWAY	IDAHO	68,000	262,800	483
MEADOW CREEK	S FK CLEARWATER	IDAHO	73,000	284,700	810
SILVER CREEK	S FK CLEARWATER	IDAHO	24,000	91,100	430
NEWSOME CREEK	S FK CLEARWATER	IDAHO	50,000	198,000	1,040
CLARKSTON	SNAKE	IDAHO	180,000	710,000	40
ASOTIN	SNAKE	IDAHO	350,000	2,146,000	140
NARROWS	GRANDE RONDE	WASH.	49,000	210,200	150
RAYS FERRY	GRANDE RONDE	WASH.	106,000	464,300	379
TROY RESERVOIR	GRANDE RONDE	OREG.	102,000	446,800	410
BEAVER CREEK	WENAH	OREG.	9,800	68,700	1,366
THE FORKS	WENAH	OREG.	2,900	21,500	1,000
ELBOW CREEK	GRANDE RONDE	OREG.	56,000	245,300	302
RONDOWA	GRANDE RONDE	OREG.	76,000	332,900	420
LITTLE MINAM	MINAM	OREG.	5,600	43,600	590
NORTH MINAM	MINAM	OREG.	4,800	36,800	950
LITTLE INDIAN	INDIAN CR	OREG.	2,700	9,000	616
LOWER GRANDE RONDE	GRANDE RONDE	OREG.	3,900	12,000	136
NEZ PERCE	SNAKE	IDAHO-OREGON	1,750,000	6,800,000	615
FREEDOM	SALMON	IDAHO	195,000	840,000	226
CREVICE	SALMON	IDAHO	400,000	1,805,000	517
WARREN	WARREN CR	IDAHO	91,000	446,800	3,479
RAINES	S FK SALMON	IDAHO	28,000	109,500	140
PORPHYRY	S FK SALMON	IDAHO	32,000	121,800	159
JEANOTT	S FK SALMON	IDAHO	8,000	69,000	160
BEAR CREEK	S FK SALMON	IDAHO	10,000	84,000	200
TAILHOLT	S FK SALMON	IDAHO	6,000	50,000	120
DEADMAN	E FK S FK SALMON	IDAHO	5,300	43,700	320
REGAN	E FK S FK SALMON	IDAHO	5,300	43,700	320
PARKS	E FK S FK SALMON	IDAHO	5,600	46,000	370
HALF WAY	JOHNSON CR	IDAHO	3,100	27,200	520
RUSTICAN	JOHNSON CR	IDAHO	3,300	28,900	580
BUCKHORN	S FK SALMON	IDAHO	5,000	43,800	280
REED	S FK SALMON	IDAHO	3,200	28,000	170
POVERTY FLAT	S FK SALMON	IDAHO	4,600	39,000	325
BEAR HILL	S FK SALMON	IDAHO	5,100	44,700	390
KNOX	S FK SALMON	IDAHO	2,800	24,500	240
GROWLER RAPIDS	SALMON	IDAHO	248,000	968,000	305
BLACK CANYON	SALMON	IDAHO	238,000	926,800	332
PINNACLE PEAK	SALMON	IDAHO	243,000	944,300	376
LEWIS	M FK SALMON	IDAHO	141,000	550,100	433
MONUMENTAL	BIG CR	IDAHO	3,500	28,500	320
PUNGO	M FK SALMON	IDAHO	8,000	67,500	170
RISLEY	M FK SALMON	IDAHO	5,500	44,800	135
STEELHEAD	M FK SALMON	IDAHO	5,400	46,100	145
SHEEPEATER	M FK SALMON	IDAHO	7,700	66,000	240
DEERHORN	M FK SALMON	IDAHO	5,300	45,400	170
FULLER	M FK SALMON	IDAHO	5,800	49,800	190
SALMON FALLS	M FK SALMON	IDAHO	3,900	34,200	140
FALL CREEK	M FK SALMON	IDAHO	5,500	47,800	200
CHINOOK	M FK SALMON	IDAHO	5,200	45,500	200
BEAR VALLEY	M FK SALMON	IDAHO	7,800	68,300	310
ROOD	PANTHER CR	IDAHO	3,200	25,600	290
DEER CREEK	PANTHER CR	IDAHO	5,000	37,100	450
JUREANO	PANTHER CR	IDAHO	3,000	23,700	310
SHOUP	SALMON	IDAHO	14,000	110,000	90
INDIANOLA	SALMON	IDAHO	71,000	276,800	248
LOWER LEMHI	SALMON	IDAHO	2,500	11,000	75
12 MILE CREEK	SALMON	IDAHO	5,800	46,300	45

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SNAKE CONT'D</u>					
CAMP CREEK	SALMON	IDAHO	8,700	69,600	69
RATTLESNAKE	SALMON	IDAHO	16,700	133,100	134
12 JA NO 16	SALMON	IDAHO	4,400	35,000	36
MCKIM CREEK	SALMON	IDAHO	17,000	136,000	140
PAHSIMEROI	SALMON	IDAHO	61,000	237,400	297
CHALLIS	SALMON	IDAHO	5,000	25,000	200
CLAYTON	SALMON	IDAHO	3,500	26,200	52
SULLIVAN HOT SPRINGS	SALMON	IDAHO	8,100	67,100	122
HOLMAN CREEK	SALMON	IDAHO	5,900	46,100	95
BADGER CREEK	SALMON	IDAHO	7,600	58,900	122
MULEY CREEK	SALMON	IDAHO	3,100	24,100	53
YANKEE FORK	SALMON	IDAHO	4,000	30,500	77
AMERICAN CREEK	SALMON	IDAHO	4,500	33,000	84
ELK HORN CREEK	SALMON	IDAHO	3,400	25,800	70
STANLEY BASIN	SALMON	IDAHO	8,800	66,600	211
THE RAPIDS	IMNAHA	OREG.	5,700	39,300	950
HELLS CANYON	SNAKE	IDAHO-OREGON	900,000	3,200,000	602
COVERDALE	MCGRAW CR	OREG.	34,000	201,500	2,300
MASON	POWDER	OREG.	3,000	6,000	120
GARDEN VALLEY	S FK PAYETTE	IDAHO	60,000	304,000	360
BIG PINE CREEK	S FK PAYETTE	IDAHO	7,800	63,500	160
PINE FLAT	S FK PAYETTE	IDAHO	4,500	35,200	90
OXBOW BEND	S FK PAYETTE	IDAHO	4,400	36,400	95
12 HG NO 13	S FK PAYETTE	IDAHO	3,900	32,200	100
12 HG NO 12	S FK PAYETTE	IDAHO	6,500	53,100	200
12 HG NO 11	S FK PAYETTE	IDAHO	4,200	34,600	130
12 HG NO 10	S FK PAYETTE	IDAHO	2,800	23,200	90
12 HG NO 9	S FK PAYETTE	IDAHO	5,000	42,400	220
12 HG NO 8	S FK PAYETTE	IDAHO	4,600	40,300	225
ELK LAKE	S FK PAYETTE	IDAHO	3,700	28,000	1,000
CLEAR CREEK	S FK PAYETTE	IDAHO	3,000	22,500	730
WARM SPRINGS	S FK PAYETTE	IDAHO	2,900	22,300	660
LOWER SCRIVER	SCRIVER CR	IDAHO	90,000	411,000	820
UPPER SCRIVER	SCRIVER CR	IDAHO	30,000	208,000	445
LUCKY PEAK	BOISE	IDAHO	43,000	213,000	240
ARROW ROCK	BOISE	IDAHO	13,000	42,000	196
12 HD NO 1	BOISE	IDAHO	5,600	43,700	115
TWIN SPRINGS	BOISE	IDAHO	25,000	114,000	312
12 HD NO 15	N FK BOISE	IDAHO	7,700	63,200	307
12 HD NO 12	M FK BOISE	IDAHO	3,000	23,800	600
ALEXANDER FLATS	M FK BOISE	IDAHO	2,500	19,700	162
12 HD NO 11	M FK BOISE	IDAHO	3,500	27,000	220
12 HD NO 20	S FK BOISE	IDAHO	3,700	29,500	105
A ANDERSON RANCH	S FK BOISE	IDAHO	13,500	0	323
CASEY RANCH	S FK BOISE	IDAHO	3,900	32,000	145
12 HD NO 19	S FK BOISE	IDAHO	2,800	23,200	120
BASCUM RESERVOIR	S FK BOISE	IDAHO	3,600	29,000	193
12 HD NO 18	S FK BOISE	IDAHO	3,300	25,500	208
12 HD NO 16	S FK BOISE	IDAHO	4,400	33,600	860
GUFFEY	SNAKE	IDAHO	40,000	170,000	37
A DIKE	SNAKE	IDAHO	60,000	280,000	60
BLISS	SNAKE	IDAHO	25,000	0	70
UPPER BLISS	SNAKE	IDAHO	100,000	385,000	78
BOX CANYON SPRINGS	SNAKE	IDAHO	2,600	22,800	132
CONE	SNAKE	IDAHO	80,000	350,000	150
12 GR NO 2	SNAKE	IDAHO	6,800	59,600	200
DRY CREEK	SNAKE	IDAHO	4,700	41,200	161
EAGLE ROCK	SNAKE	IDAHO	23,800	167,100	47
AMERICAN FALLS	SNAKE	IDAHO	30,000	120,000	107
SHELLEY	SNAKE	IDAHO	4,700	38,900	28
TETON RIVER	TETON	IDAHO	17,300	139,200	600
FALLS RIVER	FALLS	IDAHO	14,600	117,100	500
12 GH NO 4	HENRYS FK	IDAHO	9,500	75,000	140
WARM RIVER	WARM	IDAHO	3,600	30,100	250
BIG AND LOWER FALLS	HENRYS FK	IDAHO	17,600	139,000	270
PALISADES	SNAKE	IDAHO	114,000	521,400	245
BLIND CANYON	SNAKE	WYO.	122,000	537,000	327
			10,408,200	47,001,400	
<u>YAKIMA</u>					
CHANDLER	YAKIMA	WASH.	12,000	50,000	118
LOWER WAPATO	SIMCOE CR	WASH.	25,000	103,000	613
UPPER WAPATO	SIMCOE CR	WASH.	41,600	167,000	1,000

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>YAKIMA CONT'D</u>					
TIETON DIVERSION	TIETON	WASH.	12,700	56,000	441
BELOW ELEV 1765	NACHES	WASH.	7,300	61,000	145
RATTLE SNAKE CREEK	NACHES	WASH.	10,000	84,000	207
ELEV 2265	NACHES	WASH.	14,000	118,000	293
BUMPING RIVER	NACHES	WASH.	12,200	104,000	275
BELOW AMERICAN RIVER	BUMPING	WASH.	6,200	53,500	178
ELEV 3165	BUMPING	WASH.	7,000	61,000	447
BELOW PLEASANT VALLEY	AMERICAN	WASH.	10,700	37,700	662
NACHES MEADOWS	NACHES	WASH.	2,700	23,400	557
ROZA CANAL	YAKIMA	WASH.	10,000	72,000	160
TEANAWAY DAM	YAKIMA	WASH.	16,000	59,000	80
BELOW BIG SALMON	CLE ELUM	WASH.	4,100	35,000	138
ELEV 2545	CLE ELUM	WASH.	4,600	39,400	155
COOPER LAKE DIVERSION	W FK CLE ELUM	WASH.	3,000	26,400	318
WAPTUS LAKE DIVERSION	M FK CLE ELUM	WASH.	3,000	26,700	467
FISH LAKE DIVERSION	N FK CLE ELUM	WASH.	5,900	51,800	845
			208,000	1,284,900	
<u>COLUMBIA MAIN STREAM</u>					
RICHLAND	COLUMBIA	WASH.	515,000	2,716,000	64
PRIEST RAPIDS	COLUMBIA	WASH.	1,590,000	8,785,000	150
ROCK ISLAND	COLUMBIA	WASH.	67,500	656,000	52
			2,172,500	12,157,000	
<u>WENATCHEE</u>					
ELEV 612	WENATCHEE	WASH.	12,400	103,400	83
ABOVE ELEV 695	WENATCHEE	WASH.	31,900	267,200	210
DRYDEN POWER PLANT	WENATCHEE	WASH.	8,000	70,300	62
PESHASTIN CREEK	PESHASTIN CR	WASH.	2,400	16,600	575
BELOW ELEV 1110	WENATCHEE	WASH.	24,400	206,700	143
ABOVE ELEV 1110	ICICLE CR	WASH.	5,300	37,700	286
8 MILE FLAT DIVERSION	ICICLE CR	WASH.	13,500	96,200	704
EIGHTMILE CREEK	ICICLE CR	WASH.	8,300	58,700	585
TROUT CREEK	ICICLE CR	WASH.	2,300	16,600	235
ABOVE ELEV 1110	WENATCHEE	WASH.	27,400	234,800	175
GREAT NORTHERN	WENATCHEE	WASH.	27,800	239,100	179
CHIWAUKUM	WENATCHEE	WASH.	20,300	175,000	135
PLAIN	WENATCHEE	WASH.	63,000	245,300	200
CHIWAWA	CHIWAWA	WASH.	57,000	175,000	660
WENATCHEE	LITTLE WENATCHEE	WASH.	2,200	15,700	150
WHITE RIVER	WHITE	WASH.	4,500	32,000	355
			310,700	1,990,500	
<u>COLUMBIA MAIN STREAM</u>					
ROCKY REACH	COLUMBIA	WASH.	910,000	4,967,000	93
			910,000	4,967,000	
<u>ENTIAT</u>					
ENTIAT DIVERSION	ENTIAT	WASH.	3,600	27,200	358
MAD CREEK	ENTIAT	WASH.	2,100	15,700	270
			5,700	42,900	
<u>CHELAN</u>					
CHELAN	CHELAN	WASH.	48,000	133,000	409
RAILROAD CREEK	RAILROAD CR	WASH.	7,800	65,700	1,155
STEHEKIN	STEHEKIN	WASH.	14,800	100,700	405
AGNES CREEK	STEHEKIN	WASH.	14,700	100,700	555
			85,300	400,100	
<u>COLUMBIA MAIN STREAM</u>					
WELLS	COLUMBIA	WASH.	588,000	3,487,000	64
			588,000	3,487,000	
<u>OKANOGAN</u>					
MC LAUGHLIN FALLS	OKANOGAN	WASH.	2,200	15,800	24
BELOW ELEV 964	SIMILKAMEEN	WASH.	2,800	21,000	54
SIMILKAMEEN	SIMILKAMEEN	WASH.	84,000	230,000	244
			89,000	266,800	
<u>COLUMBIA MAIN STREAM</u>					
CHIEF JOSEPH	COLUMBIA	WASH.	1,728,000	8,681,000	175
			1,728,000	8,681,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>SPOKANE</u>						
R	LITTLE FALLS	SPOKANE	WASH.	4,400	27,000	78
R	LONG LAKE	SPOKANE	WASH.	13,500	80,000	169
R	NINEMILE	SPOKANE	WASH.	16,500	79,000	61
	BOWL AND PITCHER	SPOKANE	WASH.	60,000	289,000	85
R	MONROE STREET	SPOKANE	WASH.	23,800	144,000	72
R	UPPER FALLS	SPOKANE	WASH.	16,000	89,000	60
R	WATER WORKS	SPOKANE	WASH.	9,300	57,000	33
	CROSSING	SPOKANE	WASH.	8,800	69,200	45
R	POST FALLS	SPOKANE	IDAHO	10,200	55,000	55
	SPRINGSTON	COEUR D ALENE	IDAHO	32,000	140,000	125
	LELAND GLEN	COEUR D ALENE	IDAHO	40,800	130,000	270
	TEDDY CREEK	COEUR D ALENE	IDAHO	11,000	48,600	290
	AVERY	ST JOE	IDAHO	29,000	117,000	280
				<u>275,300</u>	<u>1,324,800</u>	
<u>KETTLE</u>						
	ORIENT	KETTLE	WASH.	35,000	131,400	180
	CURLEW	KETTLE	WASH.	9,000	35,000	150
				<u>44,000</u>	<u>166,400</u>	
<u>BIG SHEEP CREEK</u>						
	LOWER BIG SHEEP	BIG SHEEP CR	WASH.	3,800	33,100	520
	UPPER BIG SHEEP	BIG SHEEP CR	WASH.	1,800	14,900	302
				<u>5,600</u>	<u>48,000</u>	
<u>CLARK FORK</u>						
	BOUNDARY	PEND OREILLE	WASH.	1,200,000	3,500,000	268
	BOX CANYON	PEND OREILLE	WASH.	60,000	248,000	41
	ALBENI FALLS	PEND OREILLE	IDAHO	42,600	289,000	32
	PRIEST NO 4	PRIEST	IDAHO	27,300	66,000	109
A	CABINET GORGE	CLARK FK	IDAHO	100,000	200,000	100
	WEARE	BULL	MONT.	2,200	8,800	100
	NOXON RAPIDS	CLARK FK	MONT.	200,000	815,000	73
	TROUT CREEK	CLARK FK	MONT.	292,000	1,078,000	99
A	THOMPSON FALLS	CLARK FK	MONT.	50,000	391,000	60
	PARADISE	CLARK FK	MONT.	1,008,000	2,138,000	243
A	KERR	FLATHEAD	MONT.	56,000	0	190
	SWAN LAKE	SWAN	MONT.	4,800	26,000	54
A	HUNGRY HORSE	S FK FLATHEAD	MONT.	142,500	240,000	484
	CORAM	FLATHEAD	MONT.	114,000	341,600	108
	CANYON CREEK	N FK FLATHEAD	MONT.	116,000	263,000	154
	GLACIER VIEW	N FK FLATHEAD	MONT.	210,000	563,000	402
	BELTON	M FK FLATHEAD	MONT.	152,400	480,000	400
	QUARTZ CREEK	CLARK FK	MONT.	123,000	392,000	130
	ALBERTON	CLARK FK	MONT.	32,600	201,000	70
	BONNER	BLACKFOOT	MONT.	22,300	85,800	165
	NINEMILE PRAIRIE	BLACKFOOT	MONT.	74,000	157,600	307
	MYRICK	CLEARWATER	MONT.	1,800	7,000	100
	OVANDO B	BLACKFOOT	MONT.	19,400	74,500	250
	HEINZE	N FK BLACKFOOT	MONT.	2,500	9,800	380
	LINCOLN CANYON	BLACKFOOT	MONT.	2,300	9,200	110
	FINLEN	ROCK CR	MONT.	14,100	55,200	210
	QUIGLEY	ROCK CR	MONT.	14,300	56,100	240
	ATKINS	ROCK CR	MONT.	9,000	35,000	174
	JOY	ROCK CR	MONT.	10,500	41,200	234
	SAPPHIRE	W FK ROCK CR	MONT.	3,600	14,000	210
				<u>4,107,200</u>	<u>11,785,800</u>	
<u>KOOTENAI</u>						
	MOYIE CANYON	MOYIE	IDAHO	36,000	94,200	213
	KATKA	KOOTENAI	IDAHO	460,000	1,796,000	271
	YAAK CANYON	YAAK	MONT.	25,000	96,000	250
	LIBBY	KOOTENAI	MONT.	618,000	1,735,000	353
				<u>1,139,000</u>	<u>3,721,200</u>	
<u>COLUMBIA BASIN TOTAL</u>				<u>30,218,500</u>	<u>139,012,100</u>	
<u>NEHALEM</u>						
	STONEHILL	NEHALEM	OREG.	17,000	74,000	45
	NEHALEM FALLS	NEHALEM	OREG.	125,000	547,000	330
	ELSIE	NEHALEM	OREG.	32,000	140,000	205
				<u>174,000</u>	<u>761,000</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>WILSON</u>					
12 RA NO 41	WILSON	OREG.	2,800	18,100	80
12 RA NO 40	WILSON	OREG.	3,600	23,700	110
12 RA NO 39	WILSON	OREG.	4,200	27,400	145
12 RA NO 38	WILSON	OREG.	3,300	21,400	165
12 RA NO 37	WILSON	OREG.	4,200	27,400	380
			18,100	118,000	
<u>TRASK</u>					
12 RA NO 20	TRASK	OREG.	2,500	19,300	90
12 RA NO 19	TRASK	OREG.	4,500	29,800	190
12 RA NO 23	TRASK	OREG.	1,500	9,900	110
12 RA NO 22	TRASK	OREG.	2,500	16,800	260
12 RA NO 21	TRASK	OREG.	3,000	19,800	900
			14,000	95,600	
<u>NESTUCCA</u>					
12 RA NO 29	NESTUCCA	OREG.	3,400	23,600	170
12 RA NO 28	NESTUCCA	OREG.	2,400	17,700	210
12 RA NO 27	NESTUCCA	OREG.	4,300	33,200	520
12 RA NO 26	NESTUCCA	OREG.	1,500	13,100	870
			11,600	87,600	
<u>SILETZ</u>					
EUCHRE CREEK	SILETZ	OREG.	14,200	117,000	255
SUNSHINE CREEK	SILETZ	OREG.	20,800	150,000	345
FALLS	SILETZ	OREG.	12,700	75,300	300
VALSETZ	S FK SILETZ	OREG.	1,900	13,100	235
			49,600	355,400	
<u>SIUSLAW</u>					
12 RA NO 6	SIUSLAW	OREG.	10,000	42,000	70
TRIANGLE LAKE	LAKE CR	OREG.	5,000	55,000	280
12 RA NO 5	SIUSLAW	OREG.	22,000	103,000	180
12 RA NO 4	SIUSLAW	OREG.	15,000	67,600	135
12 RA NO 3	SIUSLAW	OREG.	8,000	34,300	135
			60,000	281,900	
<u>SMITH</u>					
12 RB NO 3	SMITH	OREG.	3,000	13,000	130
12 RB NO 1	SMITH	OREG.	5,400	23,600	320
			8,400	36,600	
<u>UMPQUA</u>					
LOON LAKE DIVERSION	MILL CR	OREG.	6,500	55,900	385
SCOTTSBURG	UMPQUA	OREG.	38,100	290,000	100
KELLEYS SMITHFERRY	UMPQUA	OREG.	30,800	235,600	85
KELLOGG	UMPQUA	OREG.	23,500	196,000	70
WOLF CREEK	UMPQUA	OREG.	37,000	298,000	145
WINCHESTER	NORTH UMPQUA	OREG.	13,400	89,000	80
OAK CREEK	NORTH UMPQUA	OREG.	11,300	86,500	70
HORSESHOE BEND	NORTH UMPQUA	OREG.	14,000	98,300	90
GLIDE	NORTH UMPQUA	OREG.	9,000	62,200	60
ROCK CREEK	NORTH UMPQUA	OREG.	51,000	263,000	221
BOUNDARY	NORTH UMPQUA	OREG.	44,000	216,000	187
STEAMBOAT	NORTH UMPQUA	OREG.	16,300	113,000	190
COPELAND DIVERSION	NORTH UMPQUA	OREG.	24,300	175,000	290
CLEARWATER NO 2	CLEARWATER	OREG.	26,000	87,600	750
CLEARWATER NO 1	CLEARWATER	OREG.	15,000	51,700	661
BRIDGE DIVERSION	NORTH UMPQUA	OREG.	6,000	45,000	145
LEMOLO NO 2	NORTH UMPQUA	OREG.	35,000	162,000	750
LEMOLO NO 1	LOAFER CR	OREG.	25,000	164,000	775
LAKE CREEK NO 3	LAKE CR	OREG.	3,600	9,800	325
LAKE CREEK NO 1	LAKE CR	OREG.	5,000	13,000	480
ROSEBURG	SOUTH UMPQUA	OREG.	3,000	22,000	50
DILLARD	SOUTH UMPQUA	OREG.	3,600	26,000	60
RUCKLES	SOUTH UMPQUA	OREG.	2,800	21,000	50
MYRTLE CREEK	SOUTH UMPQUA	OREG.	3,900	28,000	70
RIDDLE DIVERSION	SOUTH UMPQUA	OREG.	5,800	44,000	125
DAYS CREEK	SOUTH UMPQUA	OREG.	4,900	24,100	100
PERDUE	SOUTH UMPQUA	OREG.	4,600	20,800	100
COFFEE CREEK	SOUTH UMPQUA	OREG.	3,100	20,000	80
TILLER DIVERSION	SOUTH UMPQUA	OREG.	6,200	39,800	160
DEADMAN CREEK	SOUTH UMPQUA	OREG.	2,100	21,000	175
			475,800	2,978,300	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>COQUILLE</u>					
12 RC NO 7	N FK COQUILLE	OREG.	4,500	39,400	180
12 RC NO 6A	E FK COQUILLE	OREG.	7,400	64,600	400
12 RC NO 5	M FK COQUILLE	OREG.	4,600	40,300	720
12 RC NO 3	S FK COQUILLE	OREG.	2,700	20,200	210
12 RC NO 1	S FK COQUILLE	OREG.	11,500	101,100	1,720
			<u>30,700</u>	<u>265,600</u>	
<u>ROGUE</u>					
COPPER CANYON	ROGUE	OREG.	300,000	1,141,800	450
BALD MOUNTAIN	ILLINOIS	OREG.	24,000	116,200	200
CLEAR CREEK	ILLINOIS	OREG.	50,700	278,500	490
KERBY	ILLINOIS	OREG.	9,400	51,000	180
RAMEY FALLS	ROGUE	OREG.	100,000	429,700	300
AMENT	ROGUE	OREG.	4,800	28,400	30
ROCK POINT	ROGUE	OREG.	2,900	17,100	18
GOLD HILL	ROGUE	OREG.	10,500	61,700	65
REESE CREEK	ROGUE	OREG.	6,700	46,600	120
LEWIS CREEK	ROGUE	OREG.	34,400	152,000	242
MCNEIL CREEK	BUTTE CR	OREG.	3,600	30,400	360
CASCADE CREEK	ROGUE	OREG.	15,300	90,600	230
PROJECT NO 2	ROGUE	OREG.	16,000	58,400	606
RITER CREEK	ROGUE	OREG.	9,600	58,800	200
TOP CREEK	ROGUE	OREG.	6,800	41,500	140
UNION CREEK	ROGUE	OREG.	12,000	73,700	280
CASTLE CREEK	ROGUE	OREG.	8,500	52,500	200
			<u>615,200</u>	<u>2,728,700</u>	
<u>NORTH PACIFIC TOTAL</u>			<u>33,994,800</u>	<u>159,322,800</u>	
<u>SOUTH PACIFIC</u>					
<u>SMITH</u>					
CRAIGS	S FK SMITH	CALIF.	54,000	294,000	375
CANTHOOK	S FK SMITH	CALIF.	37,500	175,000	376
ROCKLAND	N FK SMITH	CALIF.	45,000	233,500	820
			<u>136,500</u>	<u>702,500</u>	
<u>KLAMATH</u>					
BLUE CREEK	KLAMATH	CALIF.	70,000	435,000	71
JACKMAN	KLAMATH	CALIF.	120,000	800,000	141
HORSE LINTO	TRINITY	CALIF.	65,000	389,600	324
HYAMPOM	S FK TRINITY	CALIF.	45,000	292,700	580
HAY FORK	HAY FK	CALIF.	40,000	220,400	1,138
TRINITY	TRINITY	CALIF.	75,000	251,400	393
SLATE CREEK	KLAMATH	CALIF.	100,000	750,000	204
MOREHOUSE	SALMON	CALIF.	30,000	195,700	734
FORKS SOUTH FORK	SALMON	CALIF.	11,000	66,000	470
FORKS NORTH FORK	SALMON	CALIF.	7,500	82,000	755
ISHI PISHI	KLAMATH	CALIF.	110,000	722,000	266
DILLON	KLAMATH	CALIF.	60,000	405,000	135
CRAWFORD	KLAMATH	CALIF.	80,000	508,000	225
BIG BEND	KLAMATH	CALIF.	100,000	580,000	438
HAMBURG	KLAMATH	CALIF.	60,000	416,000	288
SCOTT VALLEY	SCOTT	CALIF.	25,000	160,500	894
CLYBURN	KLAMATH	CALIF.	45,000	290,000	224
IRON GATE	KLAMATH	CALIF.	9,000	64,000	85
WARM SPRINGS	KLAMATH	CALIF.	30,000	123,000	150
SALT CAVES	KLAMATH	OREG.	70,000	367,000	425
BIG BEND NO 3	KLAMATH	OREG.	22,000	110,000	130
BIG BEND NO 2	KLAMATH	OREG.	50,000	256,000	298
BIG BEND NO 1	KLAMATH	OREG.	27,000	142,000	165
KENO	KLAMATH	OREG.	48,000	250,000	291
			<u>1,299,500</u>	<u>7,856,300</u>	
<u>MAD</u>					
ESSEX	MAD	CALIF.	3,000	21,400	70
CANYON CREEK	MAD	CALIF.	6,000	20,600	150
BUTLER VALLEY	MAD	CALIF.	4,000	19,000	95
GOLD ROCK	MAD	CALIF.	6,000	18,000	290
BIG BEND	MAD	CALIF.	30,000	151,000	1,380
RUTH	MAD	CALIF.	3,000	10,200	145
			<u>52,000</u>	<u>240,200</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
<u>EEL</u>						
	BRIDGEVILLE	VAN DUZEN	CALIF.	28,400	138,600	1,265
	FORKS	VAN DUZEN	CALIF.	12,700	58,800	564
	DYERVILLE	EEL	CALIF.	11,900	104,000	45
	TUTTLE	S FK EEL	CALIF.	14,900	110,700	220
	HOLLOW TREE	S FK EEL	CALIF.	5,000	39,500	210
	BRANSCOMB	S FK EEL	CALIF.	7,500	51,500	610
	SEQUOIA	EEL	CALIF.	39,800	314,000	260
	ISLAND MOUNTAIN	EEL	CALIF.	24,900	199,700	150
	MINA NO 2	N FK EEL	CALIF.	14,900	102,800	410
	MINA NO 1	N FK EEL	CALIF.	9,700	65,400	300
	HULL CREEK	HULL CR	CALIF.	14,900	122,800	1,300
	CASOOSE CREEK	CASOOSE CR	CALIF.	14,900	118,800	1,340
	RED MOUNTAIN	N FK EEL	CALIF.	3,800	23,400	460
	BELL SPRINGS	EEL	CALIF.	24,900	185,800	235
	DOS RIOS	M FK EEL	CALIF.	14,900	101,900	155
	ROUND VALLEY	M FK EEL	CALIF.	39,800	191,000	465
				282,900	1,928,700	
<u>SACRAMENTO BASIN</u>						
<u>PUTAH CREEK</u>						
	MONTICELLO	PUTAH CR	CALIF.	20,000	44,000	240
				20,000	44,000	
<u>AMERICAN</u>						
	NIMBUS	AMERICAN	CALIF.	13,500	67,000	45
	FOLSOM	AMERICAN	CALIF.	162,000	620,000	335
	SALMON FALLS	S FK AMERICAN	CALIF.	60,000	216,000	397
	KELSEY	S FK AMERICAN	CALIF.	25,000	137,200	211
A	AMERICAN RIVER	S FK AMERICAN	CALIF.	56,800	312,000	573
	SLAB CREEK	S FK AMERICAN	CALIF.	20,000	99,700	173
	ELDORADO NO 1A	S FK AMERICAN	CALIF.	40,000	216,000	925
A	ELDORADO NO 1	S FK AMERICAN	CALIF.	80,000	404,000	1,910
	BIG BEND	SILVER CR	CALIF.	52,000	281,000	1,340
	UNION VALLEY RES	SILVER CR	CALIF.	15,000	58,600	505
	ICE HOUSE RESERVOIR	SILVER CR	CALIF.	9,000	44,600	940
	ALDER RESERVOIR	ALDER CR	CALIF.	4,000	21,000	1,290
	KYBURZ	S FK AMERICAN	CALIF.	20,000	120,000	1,055
	CHINA FLAT	SILVER FK	CALIF.	15,000	72,700	1,030
	VAN WINKLE	SILVER FK	CALIF.	10,000	53,500	1,005
	ECHO	S FK AMERICAN	CALIF.	4,000	17,500	850
	OREGON BAR	N FK AMERICAN	CALIF.	100,000	427,000	447
	LADY CANYON	M FK AMERICAN	CALIF.	35,000	165,000	220
	RUBICON NO 4A	RUBICON	CALIF.	46,000	262,000	1,525
	RUBICON NO 4	RUBICON	CALIF.	62,000	348,000	885
	RUBICON NO 3	RUBICON	CALIF.	80,000	439,000	1,735
	GERLE NO 1	GERLE CR	CALIF.	5,000	28,000	360
	GERLE NO 2	RUBICON	CALIF.	33,000	180,000	1,860
	LOWER HIGH HEAD	RUBICON	CALIF.	1,200	5,200	275
	UPPER HIGH HEAD	RUBICON	CALIF.	16,000	63,000	518
	RALSTON	M FK AMERICAN	CALIF.	56,000	318,000	2,175
	FRENCH MEADOW	M FK AMERICAN	CALIF.	3,000	10,500	235
	INDIAN CREEK	N FK AMERICAN	CALIF.	10,000	40,300	200
	COLFAX NO 3	N FK AMERICAN	CALIF.	25,000	99,000	695
	PIONEER NO 2	N FK AMERICAN	CALIF.	15,000	58,900	805
	TADPOLE NO 1	N FK AMERICAN	CALIF.	4,500	17,600	1,460
				1,078,000	5,202,300	
<u>FEATHER</u>						
	GARDEN BAR	BEAR	CALIF.	4,000	20,000	281
	CHICAGO PARK	BEAR	CALIF.	22,000	152,000	659
R	NARROWS	YUBA	CALIF.	60,600	278,000	464
	SCOTTS FLAT	DEER CR	CALIF.	4,000	26,000	520
	SPAULDING RIM	S F YUBA	CALIF.	5,200	30,000	318
R	COLGATE	N FK YUBA	CALIF.	26,000	148,000	631
R	BULLARDS BAR	N FK YUBA	CALIF.	38,500	210,000	510
	MILL CREEK	N FK YUBA	CALIF.	39,000	218,000	570
	RAMSHORN	N FK YUBA	CALIF.	14,800	82,400	384
	DOWNEVILLE	N FK YUBA	CALIF.	32,800	135,000	1,336
	SIERRA CITY	N FK YUBA	CALIF.	2,100	7,200	303
	SARDINE UNIT	N FK YUBA	CALIF.	13,000	102,000	1,659
	AFTERBAY	FEATHER	CALIF.	25,000	136,000	57
	OROVILLE	FEATHER	CALIF.	440,000	1,646,000	703

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>FEATHER CONT'D</u>						
	FORBESTOWN	S FK FEATHER	CALIF.	19,400	77,000	777
	WOODLEAF	S FK FEATHER	CALIF.	34,600	128,000	1,512
	PH NO 1 A	S FK FEATHER	CALIF.	10,500	38,000	1,320
	PH NO 4	M FK FEATHER	CALIF.	42,000	290,000	630
	PH NO 2 A	M FK FEATHER	CALIF.	24,300	164,000	2,020
	PH NO 3	M FK FEATHER	CALIF.	65,000	415,000	1,228
	PH NO 2	M FK FEATHER	CALIF.	26,000	157,000	610
	PH NO 1	M FK FEATHER	CALIF.	19,800	117,000	450
	INSKIP	W BR FEATHER	CALIF.	5,000	29,800	1,100
	FRENCH CREEK	N FK FEATHER	CALIF.	20,000	90,000	1,400
	POE	N FK FEATHER	CALIF.	113,400	540,000	477
	BELDEN	N FK FEATHER	CALIF.	117,000	390,000	770
	GREENVILLE	INDIAN CR	CALIF.	40,000	150,000	597
	YELLOW CREEK	YELLOW CR	CALIF.	25,000	164,000	1,905
	CARIBOU NO 2	N FK FEATHER	CALIF.	113,400	345,000	1,149
	BUTT VALLEY	BUTT CR	CALIF.	43,200	170,000	380
				1,445,600	6,455,400	
<u>BUTTE CREEK</u>						
R	CENTERVILLE	BUTTE CR	CALIF.	15,600	94,000	590
	DESABLA NO 1	BUTTE CR	CALIF.	8,000	44,800	1,015
A	DESABLA NO 2	BUTTE CR	CALIF.	24,000	132,900	1,532
	BUTTE MEADOWS	BUTTE CR	CALIF.	16,000	96,000	1,340
				63,600	367,700	
<u>DEER CREEK</u>						
	DEER CREEK NO 4	DEER CR	CALIF.	18,000	107,200	750
	DEER CREEK NO 3	DEER CR	CALIF.	15,000	92,600	750
	DEER CREEK NO 2	DEER CR	CALIF.	13,000	77,500	700
	DEER CREEK NO 1	DEER CR	CALIF.	18,000	109,000	1,370
				64,000	386,300	
<u>ANTELOPE CREEK</u>						
	ANTELOPE CREEK NO 3	ANTELOPE CR	CALIF.	5,700	32,200	342
	ANTELOPE CREEK NO 2	ANTELOPE CR	CALIF.	4,000	22,400	279
	ANTELOPE CREEK NO 1	ANTELOPE CR	CALIF.	6,500	45,600	1,150
				16,200	100,200	
<u>SACRAMENTO MAIN STREAM</u>						
	RICE CREEK	SACRAMENTO	CALIF.	70,000	282,000	93
	IRON CANYON	SACRAMENTO	CALIF.	72,000	440,000	96
	TABLE MOUNTAIN	SACRAMENTO	CALIF.	150,000	786,000	149
				292,000	1,508,000	
<u>CLEAR CREEK</u>						
	TOWERHOUSE	CLEAR CR	CALIF.	66,000	383,000	639
				66,000	383,000	
<u>SPRING CREEK</u>						
	MATHESON	SPRING CR	CALIF.	75,000	447,000	729
				75,000	447,000	
<u>PIT</u>						
	CHONTON TUBAS	MCCLOUD	CALIF.	90,000	489,000	664
	LADY BUG	MCCLOUD	CALIF.	63,000	294,000	466
	RINKLE	MCCLOUD	CALIF.	22,000	86,000	680
	BIG SPRINGS	MCCLOUD	CALIF.	39,000	222,000	742
	PIT NO 7	PIT	CALIF.	52,000	284,000	202
	PIT NO 6	PIT	CALIF.	64,800	219,000	192
	PIT NO 4	PIT	CALIF.	80,000	433,000	377
	SUGAR LOAF	HAT CR	CALIF.	5,000	42,000	595
	PIT NO 2	PIT	CALIF.	14,000	95,000	103
				429,800	2,164,000	
<u>SACRAMENTO MAIN STREAM</u>						
	CASTLE CRAG	SACRAMENTO	CALIF.	12,000	91,000	800
				12,000	91,000	
<u>SACRAMENTO BASIN TOTAL</u>				3,562,200	17,148,900	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

	DRAINAGE AND RIVER BASIN NAME OF PROJECT OR SITE	RIVER	STATE	INSTALLED	AV. ANNUAL	GROSS
				CAPACITY KW	GENERATION 1,000 KWH	HEAD FT.
	<u>SAN JOAQUIN BASIN</u>					
	<u>MOKELUMNE</u>					
	SLOUGHHOUSE	FOLSOM NEWMAN CANL	CALIF.	16,000	60,000	80
	NASHVILLE	COSUMNES	CALIF.	17,000	57,200	426
				<u>33,000</u>	<u>117,200</u>	
	<u>STANISLAUS</u>					
	KNIGHTS FERRY	STANISLAUS	CALIF.	6,000	26,000	150
	TULLOCH	STANISLAUS	CALIF.	17,000	70,000	157
	NEW MELONES	STANISLAUS	CALIF.	23,700	216,000	463
	MURPHYS	ANGELS CR	CALIF.	2,300	0	685
	STANISLAUS	STANISLAUS	CALIF.	41,000	198,000	1,498
	COLLIERVILLE	STANISLAUS	CALIF.	36,000	255,000	2,180
	SAND BAR	M FK STANISLAUS	CALIF.	10,000	78,000	325
	HIGH BEARDSLEY	M FK STANISLAUS	CALIF.	17,000	109,000	2,300
	BEARDSLEY	M FK STANISLAUS	CALIF.	8,800	34,700	264
	DONNELLS FLAT	M FK STANISLAUS	CALIF.	50,000	206,000	1,315
	DARDANELLES	M FK STANISLAUS	CALIF.	6,000	42,700	500
	CALAVERAS	N FK STANISLAUS	CALIF.	21,000	154,000	1,175
	RAMSEY	N FK STANISLAUS	CALIF.	7,000	42,600	350
	HIGHLAND	N FK STANISLAUS	CALIF.	13,000	91,000	865
				<u>258,800</u>	<u>1,523,000</u>	
	<u>TUOLUMNE</u>					
	DON PEDRO	TUOLUMNE	CALIF.	70,000	160,000	600
	MOCCASIN	MOCCASIN CR	CALIF.	42,000	250,000	1,316
	BIG HUMBURG CREEK	TUOLUMNE	CALIF.	8,000	55,000	233
	MOUTH OF CLAVEY	UOLUMNE	CALIF.	9,500	62,000	265
	CLAVEY R DIVERSION	TUOLUMNE	CALIF.	13,500	100,000	1,935
	SOUTH FORK P H NO 3	TUOLUMNE	CALIF.	22,500	98,600	1,935
	SOUTH FORK P H NO 1	S FK TUOLUMNE	CALIF.	13,000	31,600	824
	TUOLUMNE	TUOLUMNE	CALIF.	61,000	475,000	1,300
	CHERRY VALLEY	TUOLUMNE	CALIF.	75,000	680,000	1,885
	EARLY INTAKE NO 2	TUOLUMNE	CALIF.	42,000	252,000	791
	O SHAUGHNESSY	TUOLUMNE	CALIF.	11,200	90,000	300
				<u>367,700</u>	<u>2,254,200</u>	
	<u>MERCED</u>					
	EXCHEQUER NO 2	MERCED	CALIF.	5,000	24,900	50
				<u>5,000</u>	<u>24,900</u>	
	<u>SAN JOAQUIN MAIN STREAM</u>					
	BIG CREEK NO 3	SAN JOAQUIN	CALIF.	25,500	0	830
	WEST SIDE PP NO 8A	SAN JOAQUIN	CALIF.	36,000	315,000	715
	MAMMOTH RESERVOIR	SAN JOAQUIN	CALIF.	126,000	550,000	1,100
				<u>187,500</u>	<u>865,000</u>	
	<u>CHIQUITO CREEK</u>					
	WEST SIDE PP NO 12	CHIQUITO CR	CALIF.	10,100	25,600	213
	WEST SIDE PP NO 13	MUGLER CR	CALIF.	15,700	76,500	537
	WEST SIDE PP NO 14	POWER HOUSE CR	CALIF.	16,400	74,900	560
	WEST SIDE PP NO 15	POWER HOUSE CR	CALIF.	23,100	94,700	950
				<u>65,300</u>	<u>271,700</u>	
	<u>JACKASS CREEK</u>					
	WEST SIDE PP NO 11	JACKASS CR	CALIF.	19,400	82,000	480
	WEST SIDE PP NO 10	JACKASS CR	CALIF.	23,100	96,800	500
				<u>42,500</u>	<u>178,800</u>	
	<u>SAN JOAQUIN MAIN STREAM</u>					
	WEST SIDE PP NO 9	SAN JOAQUIN	CALIF.	61,900	316,000	713
				<u>61,900</u>	<u>316,000</u>	
	<u>MIDDLE FK SAN JOAQUIN</u>					
	WEST SIDE PP NO 16	M FK SAN JOAQUIN	CALIF.	35,000	147,000	630
	WEST SIDE PP NO 18	M FK SAN JOAQUIN	CALIF.	13,400	43,200	845
	WEST SIDE PP NO 17	M FK SAN JOAQUIN	CALIF.	12,700	54,700	385
				<u>61,100</u>	<u>244,900</u>	
	<u>SAN JOAQUIN BASIN TOTAL</u>			<u>1,082,800</u>	<u>5,795,700</u>	

SEE FOOTNOTES AT END OF TABLE

TABLE 9. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Major Drainages and River Basins

DRAINAGE AND RIVER BASIN		RIVER	STATE	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NAME OF PROJECT OR SITE						
TULARE LAKE						
A	PINE FLAT	KINGS	CALIF.	120,000	289,000	388
	KINGS RIVER	KINGS	CALIF.	39,000	129,600	788
	JUNCTION NO 2	DINKEY CR	CALIF.	40,000	200,000	2,080
	PEART	DINKEY CR	CALIF.	30,000	100,000	2,200
	BALCH	N FK KINGS	CALIF.	84,000	228,000	2,336
	HAAS	N FK KINGS	CALIF.	106,500	357,000	2,230
	WISHON	N FK KINGS	CALIF.	13,500	45,600	250
	HELMS	HELMS CR	CALIF.	41,000	166,000	1,610
	JUNCTION PH NO 5	KINGS	CALIF.	130,000	613,000	985
	CEDAR GROVE	S FK KINGS	CALIF.	140,000	665,000	2,408
	PARADISE VALLEY	S FK KINGS	CALIF.	40,000	219,000	2,048
	TEHIPITE VALLEY	M FK KINGS	CALIF.	80,000	525,000	1,885
	SIMPSON MEADOW	M FK KINGS	CALIF.	60,000	368,000	1,844
	TERMINUS	KAWEAH	CALIF.	10,000	40,000	174
					<u>934,000</u>	<u>3,945,200</u>
BUENA VISTA LAKE						
A	ANT HILL	KERN	CALIF.	17,000	70,000	174
	KERN CANYON	KERN	CALIF.	23,500	80,000	262
	KERN RIVER NO 1	KERN	CALIF.	94,000	330,000	877
	ISABELLA	KERN	CALIF.	62,000	271,000	700
	ONYX	S FK KERN	CALIF.	25,000	131,000	2,700
	ROCKHOUSE	S FK KERN	CALIF.	5,000	17,500	460
	MONACHE	S FK KERN	CALIF.	10,000	52,500	1,660
	KERN RIVER NO 3	KERN	CALIF.	28,000	153,500	821
	JUNCTION	KERN	CALIF.	60,000	350,000	1,040
	LITTLE KERN	KERN	CALIF.	40,000	236,000	955
	KERN LAKE	KERN	CALIF.	25,000	157,500	845
					<u>389,500</u>	<u>1,849,000</u>
SANTA CLARA						
	SESPE 3 PLANTS	SESPE CR	CALIF.	23,000	70,000	1,610
				<u>23,000</u>	<u>70,000</u>	
SANTA ANA						
	FOREST HOME	MILL CR	CALIF.	3,000	16,000	2,080
	POWER HOUSE NO 3	BEAR CR	CALIF.	4,000	15,800	620
	POWER HOUSE NO 2	BEAR CR	CALIF.	3,600	24,000	1,200
	POWER HOUSE NO 1	BEAR CR	CALIF.	3,600	17,500	1,220
				<u>14,200</u>	<u>73,300</u>	
SOUTH PACIFIC TOTAL				<u>7,776,600</u>	<u>39,609,800</u>	
UNITED STATES TOTAL				<u>87,992,100</u>	<u>378,508,200</u>	

A. ADDITIONAL POSSIBLE CAPACITY AND
CORRESPONDING INCREMENTAL AVERAGE ANNUAL
GENERATION AT EXISTING PLANT.

B. BLOCK OF UNDEVELOPED POWER IN REACH OF
RIVER BETWEEN DESIGNATED POINTS. HEAD IS
AGGREGATE UNDEVELOPED HEAD IN REACH.

R. REDEVELOPMENT OF PRESENTLY DEVELOPED SITE.
CAPACITY AND AVERAGE ANNUAL GENERATION ARE
INCREMENTAL QUANTITIES RESULTING FROM
REDEVELOPMENT. HEAD SHOWN IS HEAD RESULTING
FROM REDEVELOPMENT.

U. ADDITIONAL POSSIBLE AVERAGE ANNUAL GENERATION
AT EXISTING PLANT RESULTING FROM FUTURE
CONSTRUCTION OF ADDITIONAL UPSTREAM STORAGE.

TABLE 10
ESTIMATED INSTALLED CAPACITY AND AVERAGE ANNUAL GENERATION
OF UNDEVELOPED HYDROELECTRIC POWER SITES
JANUARY 1, 1953

Totals by Geographic Divisions and States

Division and State	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh	Division and State	Installed Capacity Kw	Avg. Annual Generation 1000 Kwh
United States	87,992,100	378,508,200			
New England	3,232,600	9,864,000	South Atlantic		
Middle Atlantic	6,415,300	24,330,300	Delaware	0	0
East North Central	3,091,550	12,784,600	Maryland	360,000	1,014,100
West North Central	6,388,850	27,001,700	District of Columbia	0	0
South Atlantic	8,677,550	26,801,500	Virginia	1,387,500	4,388,600
East South Central	4,167,850	16,959,900	West Virginia	2,324,000	8,454,000
West South Central	3,615,800	9,984,800	North Carolina	1,227,200	2,963,200
Mountain	21,894,700	95,277,300	South Carolina	1,302,300	3,623,450
Pacific	30,507,900	155,504,100	Georgia	1,986,550	6,031,850
			Florida	90,000	326,300
New England			East South Central		
Maine	1,604,500	5,644,000	Kentucky	1,409,300	5,775,600
New Hampshire	687,200	1,654,000	Tennessee	704,300	2,253,700
Vermont	533,600	1,304,500	Alabama	1,644,350	7,111,900
Massachusetts	286,000	768,000	Mississippi	409,900	1,818,700
Rhode Island	0	0			
Connecticut	121,300	493,500	West South Central		
Middle Atlantic			Arkansas	1,614,000	4,199,400
New York	3,048,700	16,792,500	Louisiana	50,400	200,200
New Jersey	225,000	785,000	Oklahoma	989,600	3,222,100
Pennsylvania	3,141,600	6,752,800	Texas	961,800	2,363,100
East North Central			Mountain		
Ohio	525,000	2,299,000	Montana	6,311,200	24,571,800
Indiana	668,000	2,971,000	Idaho	8,097,100	34,865,800
Illinois	1,208,800	4,806,400	Wyoming	955,500	4,453,100
Michigan	371,450	1,201,600	Colorado	1,705,500	8,140,300
Wisconsin	318,300	1,506,600	New Mexico	209,000	921,000
West North Central			Arizona	3,290,700	16,519,000
Minnesota	227,250	1,116,100	Utah	1,215,200	5,694,300
Iowa	402,800	1,849,000	Nevada	110,500	112,000
Missouri	2,953,300	11,940,900	Pacific		
North Dakota	611,800	2,403,500	Washington	16,246,100	82,306,200
South Dakota	1,222,500	4,843,200	Oregon	6,459,700	33,523,500
Nebraska	681,200	3,427,000	California	7,802,100	39,674,400
Kansas	290,000	1,422,000			

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE					DIVISION AND STATE NAME OF PROJECT OR SITE				
RIVER					RIVER				
INSTALLED CAPACITY KW					INSTALLED CAPACITY KW				
AV. ANNUAL GENERATION 1,000 KWH					AV. ANNUAL GENERATION 1,000 KWH				
GROSS HEAD FT.					GROSS HEAD FT.				
<u>NEW ENGLAND</u>					<u>NEW HAMPSHIRE</u>				
<u>MAINE</u>									
WASHBURN	ARROSTOOK	25,000	75,000	75	AZISCOIOS	MAGALLOWAY	14,000	50,000	265
FISH RIVER	ST JOHN	33,000	120,000	167	RICHARDSON	RAPID	8,000	60,000	178
CROSS ROCK RAPIDS	ST JOHN	200,000	900,000	255	KENNEBAGO	KENNEBAGO	4,000	30,000	309
MILLTOWN	ST CROIX	10,000	40,000	90	CATARACT	SACO	10,000	40,000	43
MARSH ISLAND	PENOBSCOT	5,000	34,000	17	BONNY EAGLE	SACO	13,000	44,000	56
BANGOR	PENOBSCOT	160,000	620,000	137	STEEP FALLS	SACO	20,000	60,000	38
COSTIGAN	PENOBSCOT	10,000	60,000	30	HIRAM FALLS	SACO	80,000	70,000	103
HOWLAND	PISCATAQUIS	15,000	80,000	85			1,604,500	5,644,000	
STANFORD	PENOBSCOT	30,000	108,000	30					
WINN	PENOBSCOT	21,000	80,000	28	<u>NEW HAMPSHIRE</u>				
GORDON FALLS	MATTAWAMKEAG	30,000	105,000	97	BERLIN	ANDROSCOGGIN	70,000	170,000	370
DEASCONK	W BR PENOBSCOT	10,000	49,000	33	PONTOOK	ANDROSCOGGIN	36,000	130,000	114
POCKWOCKAMUS	W BR PENOBSCOT	12,000	65,000	45	UMBAGOG	ANDROSCOGGIN	20,000	70,000	65
SOURDNAHUNK	W BR PENOBSCOT	12,000	63,000	45	MOORES FALLS	MERRIMACK	25,000	70,000	35
AMBEJACKAMUS	W BR PENOBSCOT	17,000	68,000	50	AMOSKEAG	MERRIMACK	24,000	53,000	52
RIPOGENUS	W BR PENOBSCOT	60,000	360,000	270	PENACOOK	MERRIMACK	80,000	160,000	134
LEDGE FALLS	E BR PENOBSCOT	7,000	25,000	25	GARVINS FALLS	MERRIMACK	40,000	45,000	41
GRINDSTONE	E BR PENOBSCOT	13,500	50,000	45	BLACKWATER	BLACKWATER	14,000	22,000	220
WHETSTONE	E BR PENOBSCOT	8,000	23,000	50	ROBY	WARNER	2,000	8,000	140
SPENCER RAPIDS	E BR PENOBSCOT	7,000	23,000	50	LONG FALLS	CONTOOCOOK	16,000	41,000	137
STAIR FALLS	E BR PENOBSCOT	18,000	77,000	175	STODDARD NO 1	N BR CONTOOCOOK	6,000	7,000	268
AUGUSTA	KENNEBEC	42,000	130,000	32	WEST PETERBORO	CONTOOCOOK	1,000	2,000	100
A WATERVILLE LOWER	KENNEBEC	15,000	50,000	21	TILTON	WINNIPESAUKEE	10,000	30,000	95
R WATERVILLE UPPER	KENNEBEC	26,000	82,000	36	EASTMAN FALLS	PENIGEWASSET	30,000	65,000	75
R SHAWMUT	KENNEBEC	25,000	76,000	33	BRISTOL	NEWFOUND	2,000	6,000	80
A WESTON	KENNEBEC	3,000	24,000	32	NEWFOUND LAKE	NEWFOUND	3,000	9,000	135
A MADISON LOWER	KENNEBEC	28,000	116,000	44	LIVERMORE FALLS	PENIGEWASSET	24,000	64,000	136
R ANSON	KENNEBEC	14,000	33,000	32	HINSDALE	ASHUELOT	16,000	60,000	210
NEW PORTLAND	CARRABASSETT	6,000	20,000	75	HAMMOND HOLLOW	ASHUELOT	8,000	16,000	250
CARATUNK	KENNEBEC	120,000	300,000	150	STILLWATER	ASHUELOT	3,000	6,000	110
POPLAR FALLS	DEAD	45,000	100,000	130	ASHUELOT POND	ASHUELOT	3,000	6,000	260
HURRICANE	DEAD	90,000	220,000	310	VERNON	CONNECTICUT	17,800	30,000	38
INDIAN POND	KENNEBEC	120,000	410,000	330	R CLAREMONT	SUGAR	5,000	18,000	120
R BRUNSWICK	ANDROSCOGGIN	20,000	78,000	38	NORTHVILLE	SUGAR	8,000	36,000	250
R LISBON FALLS	ANDROSCOGGIN	28,000	115,000	47	S HART ISLAND	CONNECTICUT	15,000	60,000	28
R LEWISTON	ANDROSCOGGIN	26,000	96,000	55	LAKE MASCOMA	MASCOMA	4,000	15,000	150
RAM ISLAND	ANDROSCOGGIN	30,000	68,000	49	S WELLS RIVER	CONNECTICUT	10,000	30,000	29
R JAY	ANDROSCOGGIN	22,000	69,000	42	BATH NO 2	AMMONOOSUC	10,000	25,000	65
R RUMFORD	ANDROSCOGGIN	69,000	193,000	206	BATH NO 1	AMMONOOSUC	6,000	15,000	55
R PHILBROOK	ANDROSCOGGIN	23,000	85,000	75	SWIFTWATER	AMMONOOSUC	2,000	15,000	250
					UPPER 15 MILE FALLS	CONNECTICUT	140,400	240,000	160
					S COOS	CONNECTICUT	12,000	50,000	120
					BEECHER FALLS	CONNECTICUT	12,000	40,000	130
					LAKE FRANCIS	CONNECTICUT	12,000	40,000	190
							687,200	1,654,000	

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE					DIVISION AND STATE				
NAME OF PROJECT OR SITE					NAME OF PROJECT OR SITE				
RIVER					RIVER				
INSTALLED CAPACITY KW					INSTALLED CAPACITY KW				
AV. ANNUAL GENERATION 1,000 KWH					AV. ANNUAL GENERATION 1,000 KWH				
GROSS HEAD FT.					GROSS HEAD FT.				
<u>VERMONT</u>					<u>UNION VILLAGE</u>				
A HIGHGATE	MISSISQUOI	8,000	30,000	59	BRADFORD	OMPOMPANOSUC	2,000	8,000	100
R HIGHGATE FALLS	MISSISQUOI	7,000	26,000	42	SOUTH BRANCH	WAITS	3,000	10,000	76
R SHELTON SPRINGS	MISSISQUOI	17,000	63,000	111	S WELLS RIVER	WAITS	4,000	11,000	250
R ENOSBURG FALLS	MISSISQUOI	1,600	7,000	20	BOLTONVILLE NO 2	CONNECTICUT	10,000	30,000	29
EAST RICHFORD	MISSISQUOI	3,000	10,000	37		WELLS	2,000	8,000	100
					BOLTONVILLE NO 1	WELLS	2,000	5,000	67
JAY BRANCH	JAY BR	4,000	16,000	170	GROTON POND	WELLS	2,000	4,000	250
R EAST GEORGIA	LAMOILLE	4,800	18,000	54	EAST BARNET	PASSUMPSIC	4,000	13,000	35
BROWNS RIVER	BROWN	2,000	1,500	41	R PASSUMPSIC	PASSUMPSIC	2,000	3,000	26
R FAIRFAX FALLS	LAMOILLE	2,600	8,000	86	GAGE	PASSUMPSIC	2,000	4,000	25
GIHON RIVER	GIHON	4,000	10,000	282	ARNOLD	PASSUMPSIC	3,000	9,000	37
					R LYNDONVILLE	PASSUMPSIC	3,000	10,000	80
GARFIELD	GREEN	4,500	4,000	486	R EAST BURKE	PASSUMPSIC	4,000	8,000	140
R BURLINGTON	WINOOSKI	15,000	54,000	64	S COOS	CONNECTICUT	12,000	50,000	120
R WINOOSKI GORGE	WINOOSKI	6,000	15,000	43	BLOOMFIELD	NULHEGAN	3,000	8,000	100
R ESSEX FALLS	WINOOSKI	9,200	23,000	66	R CANAAN	CONNECTICUT	6,000	12,000	50
HUNTINGTON	HUNTINGTON	4,500	13,000	283			533,600	1,304,500	
					<u>MASSACHUSETTS</u>				
BOLTON GORGE	WINOOSKI	15,000	44,000	66	R LAWRENCE	MERRIMACK	21,000	40,000	30
WATERBURY	WATERBURY	5,500	12,000	148	R LOWELL	MERRIMACK	24,000	83,000	50
MORETOWN	MAD	3,000	10,000	103	HUNTINGTON	WESTFIELD	6,000	25,000	115
WRIGHTSVILLE	NORTH BR	4,000	7,000	158	R KNIGHTVILLE	WESTFIELD	10,000	20,000	115
EAST BARRE	JAIL BR	3,000	10,000	500	A HOLYOKE	CONNECTICUT	45,000	150,000	54
R MONTPELIER	WINOOSKI	4,000	14,000	105					
R VERGENNES	OTTER CR	3,400	15,000	37	BARDWELL	DEERFIELD	20,000	70,000	100
R WEYBRIDGE	OTTER CR	3,500	16,000	32	R CHARLEMONT	DEERFIELD	20,000	50,000	105
R HUNTINGTON FALLS	OTTER CR	15,000	47,000	135	ZOAR	DEERFIELD	20,000	50,000	140
NEW HAVEN MILLS	NEW HAVEN	2,300	5,000	90	R TURNERS FALLS	CONNECTICUT	60,000	150,000	82
					ERVING	MILLERS	30,000	80,000	290
R LOWER MIDDLEBURY	OTTER CR	1,100	6,000	30	TULLY	MILLERS	20,000	30,000	177
R UPPER MIDDLEBURY	OTTER CR	2,800	10,000	23	SOUTH ROYALSTON	MILLERS	10,000	20,000	126
R RIPTON	MIDDLEBURY	4,000	18,000	630			286,000	768,000	
R PROCTOR	OTTER CR	4,000	14,000	117					
TINMOUTH	CLARENDON	3,000	7,000	510			0	0	
					<u>RHODE ISLAND</u>				
RAKE BRANCH	DEERFIELD	4,000	7,000	120	<u>CONNECTICUT</u>				
RS VERNON	CONNECTICUT	17,800	30,000	38	ENFIELD	CONNECTICUT	42,000	247,000	42
WILLIAMSVILLE	WEST	120,000	110,000	250	THOMASTON	NAUGATUCK	6,000	10,000	115
U BALL MOUNTAIN	WEST	20,000	70,000	340	SHELTON	HOUSATONIC	13,000	40,000	32
BELLOWS FALLS	CONNECTICUT	0	60,000	62	SHEPAUG	HOUSATONIC	37,300	117,000	97
R SPRINGFIELD	BLACK	6,000	20,000	122	BOURDMAN	HOUSATONIC	8,000	30,500	40
PERKINSVILLE	BLACK	10,000	30,000	220	KENT FURNACE	HOUSATONIC	10,000	31,000	46
S HART ISLAND	CONNECTICUT	15,000	60,000	28	CANAAN	HOUSATONIC	5,000	18,000	58
NORTH HARTLAND	OTTAUQUECHEE	90,000	140,000	172			121,300	493,500	
GAYSVILLE	WHITE	20,000	51,000	240					
					<u>NEW ENGLAND TOTAL</u>				
							3,232,600	9,864,000	

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MIDDLE ATLANTIC</u>											
<u>NEW YORK</u>											
R	CARVER FALLS	POULTNEY	3,600	13,000	160	R	UPPER MECHANICVILLE	HUDSON	7,600	15,000	23
	ALICE FALLS	AUSABLE	3,000	13,200	51	R	STILLWATER	HUDSON	6,400	20,400	9
R	KEESEVILLE	AUSABLE	3,100	14,000	63	R	GREENWICH	BATTEN KILL	7,400	38,000	106
	CLINTONVLE	AUSABLE	2,800	8,800	40	R	SHUSHAN	BATTEN KILL	2,100	10,200	65
R	ROME	W BR AUSABLE	6,100	26,000	231	R	THOMPSON	HUDSON	6,100	28,000	18
R	WILMINGTON	W BR AUSABLE	2,400	10,000	144		FORT MILLER	HUDSON	5,700	20,400	10
	CHERRY PATCH	W BR AUSABLE	9,600	42,000	700	R	FORT EDWARD	HUDSON	3,200	16,400	21
A	KENTS FALLS	SARANAC	4,100	16,000	160	R	MOREAU	HUDSON	39,000	87,000	76
	REDFORD	SARANAC	2,000	9,300	36	R	GLENS FALLS	HUDSON	18,000	40,000	45
	TEFFT POND	SARANAC	7,300	34,000	188	A	SPIER FALLS	HUDSON	37,600	46,500	84
	SOUTH COLTON	RAQUETTE	15,300	64,000	85	R	PALMER FALLS	HUDSON	59,000	133,000	87
	FIVE FALLS	RAQUETTE	20,300	78,000	104	R	CORINTH	HUDSON	17,800	29,000	27
	RAINBOW FALLS	RAQUETTE	20,300	74,000	96	R	HADLEY	SACANDAGA	30,000	45,000	60
	BLAKE FALLS	RAQUETTE	15,300	59,000	76	A	E J WEST	SACANDAGA	10,000	8,700	75
	STARK	RAQUETTE	20,300	75,000	105		OAKLAND VALLEY	NEVERSINK	9,700	46,000	210
	CARRY FALLS	RAQUETTE	3,500	13,000	35		DENTON FALLS	NEVERSINK	14,900	67,000	360
	BARNHART ISLAND	ST LAWRENCE	940,500	6,280,000	88		WOODBURNE	NEVERSINK	3,000	10,300	115
	GLEN PARK MILL B	BLACK	10,000	85,000	43		DELAWARE	MONGAUP	10,000	35,000	160
	FELTS MILLS	BLACK	10,000	85,000	44	S	BARRYVILLE	DELAWARE	14,850	62,800	70
	PANTHER MOUNTAIN	S BR MOOSE	20,000	35,000	153	S	NARROWSBURG	DELAWARE	7,950	32,000	40
A	LIGHTHOUSE HILL	SALMON	3,700	0	64		HANCOCK	E BR DELAWARE	10,300	39,000	65
A	HIGH DAM	OSWEGO	1,400	4,000	19		EAST BRANCH	E BR DELAWARE	6,100	15,000	83
A	ROCHESTER	GENESSEE	45,000	149,000	123		LEWBEACH	BEAVERKILL	3,000	9,000	118
	MT MORRIS	GENESSEE	47,000	77,000	123		LIVINGSTON	WILLOWemoc	3,200	9,000	120
	POAGS HOLE	CANASERAGA CR	4,000	21,000	210		CANONSVILLE	W BR DELAWARE	20,000	67,000	175
	CANASERAGA	CANASERAGA CR	8,000	28,000	390		DELEHI	LITTLE DELAWARE	4,100	7,300	160
	PORTAGE	GENESSEE	120,000	320,000	480	<u>NEW JERSEY</u>			3,048,700	16,792,500	
	BELFAST	GENESSEE	10,000	17,500	76	S	YARDLEY	DELAWARE	30,000	145,000	45
	STANNARD	GENESSEE	8,000	14,000	100	S	LUMBERVILLE	DELAWARE	30,000	130,000	50
A	WATERPORT	OAK ORCHARD CR	2,400	0	78	S	RIEGELVILLE	DELAWARE	30,000	130,000	50
	NIAGARA FALLS	NIAGARA	1,250,000	7,900,000	314	S	CHESTNUT HILL	DELAWARE	20,000	90,000	45
	WEBATUCK	TENMILE	2,000	10,000	94	S	BELVIDERE	DELAWARE	85,000	225,000	120
	EDDYVILLE	WALKKILL	2,000	7,400	15	S	FLAT BROOK	FLAT BROOK	230,000	350,000	260
	GARDINER	WALKKILL	4,000	15,900	38	S	WALLPACK BEND	DELAWARE	30,000	65,000	90
	NEVERSINK	ROUNDOUT CR	25,000	120,000	524	S	BARRYVILLE	DELAWARE	14,850	62,800	70
R	STUYVESANT	KINDERHOOK	2,900	7,200	129	<u>PENNSYLVANIA</u>					
	EAST NASSAU	KINDERHOOK	3,500	15,600	180	S	YARDLEY	DELAWARE	30,000	145,000	45
R	GREEN ISLAND	HUDSON	10,200	36,000	16	S	LUMBERVILLE	DELAWARE	30,000	130,000	50
A	INGHAMS	E CANADA CR	3,200	4,800	124	S	RIEGELVILLE	DELAWARE	30,000	130,000	50
	WATERFORD	HUDSON	15,000	49,800	14	S	MAUCH CHUNK	LEHIGH	150,000	325,000	1,060
R	LOWER MECHANICVILLE	HUDSON	4,900	24,000	18	S	CHESTNUT HILL	DELAWARE	20,000	90,000	45

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE					DIVISION AND STATE NAME OF PROJECT OR SITE				
RIVER					RIVER				
INSTALLED CAPACITY KW					INSTALLED CAPACITY KW				
AV. ANNUAL GENERATION 1,000 KWH					AV. ANNUAL GENERATION 1,000 KWH				
GROSS HEAD FT.					GROSS HEAD FT.				
<u>PENNSYLVANIA CONT'D</u>					S CHINKAPIN BAR	OHIO	100,000	470,000	42
A WALLENPAUPACK	LACKAWAXEN	40,000	0	370	S MARIETTA	OHIO	60,000	256,000	30
S NARROWSBURG	DELAWARE	7,950	32,000	40	S WOODLAND	OHIO	60,000	270,000	30
A SAFE HARBOR	SUSQUEHANNA	158,000	0	54	S STEUBENVILLE	OHIO	50,000	197,000	22
R SHOCKS MILLS	SUSQUEHANNA	138,000	550,000	60			525,000	2,299,000	
MARYSVILLE	SUSQUEHANNA	180,000	523,000	32	<u>INDIANA</u>				
VINEYARD	JUNIATA	24,000	93,000	53	STATE LINE	ST JOSEPH	4,700	21,000	15
RAYSTOWN	RAYSTOWN BR	189,000	120,000	188	BRISTOL	ST JOSEPH	3,300	15,000	16
HALF FALLS	SUSQUEHANNA	160,000	850,000	75	PETERSBURG	WHITE	25,000	130,000	28
MUNCY	W BR SUSQUEHANNA	60,000	233,000	38	LOST RIVER	E FK WHITE	15,000	70,000	28
CAMMAL	PINE CR	85,000	130,000	235	SHOALS	E FK WHITE	30,000	110,000	57
BLANCHARD	BALD EAGLE CR	10,000	18,700	66	SPENCER	W FK WHITE	15,000	60,000	54
LOCK HAVEN	W BR SUSQUEHANNA	80,000	211,700	82	S MT CARMEL	WABASH	40,000	210,000	42
KETTLE CREEK	KETTLE CR	16,000	30,000	150	S VINCENNES	WABASH	15,000	65,000	30
FIRST FORK	FIRST FK	18,000	35,600	164	S TERRE HAUTE	WABASH	15,000	65,000	31
KEATING	W BR SUSQUEHANNA	575,000	550,000	353	CLINTON	WABASH	75,000	225,000	62
CURWENSVILLE	W BR SUSQUEHANNA	25,000	46,600	123	DELPHI	WABASH	75,000	160,000	74
FALLS	SUSQUEHANNA	250,000	760,000	150	MISSISSINUEWA RES	MISSISSINUEWA	10,000	20,000	84
HALLSTEAD	SUSQUEHANNA	12,200	52,400	36	S OWENSBORO	OHIO	125,000	717,000	37
DAM NO 1	CONNOQUENESSING	45,000	59,000	95	S OHIO FALLS	OHIO	100,000	528,000	37
DAM NO 2	SLIPPERY ROCK CR	13,000	20,000	70	S MARKLAND	OHIO	120,000	575,000	35
							668,000	2,971,000	
DAM NO 3	SLIPPERY ROCK CR	25,000	35,000	120	<u>ILLINOIS</u>				
DAM NO 4	SLIPPERY ROCK CR	17,000	26,000	90	COMMERCE	MISSISSIPPI	448,000	1,155,000	56
EMSWORTH	OHIO	15,000	87,000	18	S RIVERSIDE	MISSISSIPPI	290,000	1,100,000	35
DAM C	YOUGHIOGHENY	15,000	49,300	50	STARVED ROCK	ILLINOIS	9,000	59,500	18
DAM B	YOUGHIOGHENY	25,000	80,200	85	WEDRON	FOX	8,000	48,000	68
					MARSEILLES	ILLINOIS	18,000	97,900	24
DAM A	YOUGHIOGHENY	25,000	80,200	85					
CONFLUENCE	YOUGHIOGHENY	24,000	76,300	126	ILLINOIS	ILLINOIS	9,600	62,200	20
FOXSBURG	CLARION	130,000	182,000	150	DES PLAINES	DES PLAINES	11,300	69,700	34
PINEY	CLARION	9,600		83	KANKAKEE	KANKAKEE	6,600	30,800	20
MILL CREEK	CLARION	110,000	175,000	225	OLD STATE DAM	KANKAKEE	4,300	21,200	13
KINZUA	ALLEGHENY	40,000	124,000	97	WILMINGTON	KANKAKEE	15,000	85,000	58
		3,141,600	6,752,800		CUSTER PARK				
<u>MIDDLE ATLANTIC TOTAL</u>		6,415,300	24,330,300		AROMA PARK	KANKAKEE	2,900	15,900	15
<u>EAST NORTH CENTRAL</u>					BARSTOW	ROCK	12,500	61,100	28
<u>OHIO</u>					LYNDON	ROCK	4,100	19,400	10
EAST FORK	E FK LITTLE MIAMI	10,000	32,000	170	ABOVE LYNDON	ROCK	3,700	16,700	9
OREGONIA	LITTLE MIAMI	5,000	15,000	55	COMO	ROCK	3,700	16,700	9
CAESER CREEK	CAESER CR	50,000	80,000	135	GRAND DETOUR	ROCK	9,300	52,100	24
S NEW RICHMOND	OHIO	100,000	488,000	33	BYRON	ROCK	6,800	36,900	19
S GREENUP	OHIO	50,000	263,000	27	LATHAM PARK	ROCK	3,000	15,000	11
S GALLIPOLIS	OHIO	40,000	228,000	23	ROCKTON	PECATONICA	2,900	17,500	25
					A ROCK ISLAND	MISSISSIPPI	10,100	80,800	13

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>ILLINOIS CONT'D</u>					HEMLOCK FALLS	MICHIGAMME	2,800	9,000	34
S GOLCONDA	OHIO	250,000	1,380,000	44	TAHQUAMENON FALLS	TAHQUAMENON	4,500	30,000	93
S MT CARMEL	WABASH	40,000	210,000	42	LOWER PLANT	STURGEON	16,300	19,100	90
S VINCENNES	WABASH	15,000	65,000	30	BIG FALLS	STURGEON	17,600	23,800	110
S TERRE HAUTE	WABASH	15,000	65,000	31	TIBBETS FALLS	STURGEON	12,000	12,200	112
DANVILLE	VERMILLION	10,000	25,000	60	AGATE FALLS	M BR ONTONAGON	3,000	13,000	125
<u>MICHIGAN</u>					BONDS FALLS	M BR ONTONAGON	2,700	11,400	120
OSCODA	AU SABLE	4,500	14,000	16	GRAND RAPIDS	ONTONAGON	4,800	32,000	55
THOMPSON	AU SABLE	12,000	36,500	48	FORKS	ONTONAGON	4,200	28,000	40
UPPER FLAT ROCK	AU SABLE	25,000	68,000	107	HOOPER	W BR ONTONAGON	6,000	23,000	70
STATE ROAD	AU SABLE	4,700	14,400	23	NORWICH	W BR ONTONAGON	2,600	8,000	80
BAKER BRIDGE	AU SABLE	5,500	13,300	32	SOUTH BRANCH	S BR ONTONAGON	3,700	11,000	70
EATON	AU SABLE	5,000	10,700	48	SUPERIOR FALLS	MONTREAL	1,900	9,000	137
ST MARYS FALLS	ST MARYS	31,000	165,000	22	SITE NO 2	MONTREAL	2,700	14,000	115
ANDERSON	MANISTEE	10,000	24,700	19	SAXON FALLS	MONTREAL	2,300	10,000	145
HIGH BRIDGE	MANISTEE	6,800	16,300	15	SITE NO 4	MONTREAL	1,700	7,800	70
WILSON	S BR MANISTEE	8,200	20,000	110	<u>WISCONSIN</u>				
LOWER SIBLEY	MANISTEE	17,000	40,800	55	LEEMAN	WOLF	5,000	12,400	20
SHERMAN	MANISTEE	16,000	38,000	61	KESHENA FALLS	WOLF	6,100	16,700	37
MANTON	MANISTEE	9,500	22,700	45	BIG EDDY	WOLF	4,000	10,700	31
WALTON	MANISTEE	5,600	13,300	31	SMOKY FALLS	WOLF	2,800	7,400	22
SANDS	MANISTEE	10,000	23,500	66	DALLES	WOLF	10,200	27,200	83
DUTCH JOHN	MANISTEE	5,000	12,000	40	SHOTGUN RAPIDS	WOLF	5,800	15,300	56
ROLLWAY	MANISTEE	1,500	3,800	26	HANSON RIPS	WOLF	2,000	10,200	39
BRIDGETON	MUSKEGON	6,000	25,700	22	GARDNER	WOLF	3,000	15,600	60
BACON	MUSKEGON	15,000	36,000	31	WHITE LAKE CREEK	WOLF	2,300	12,400	49
PARIS	MUSKEGON	2,700	6,800	10	LANGLADE	WOLF	1,900	10,000	40
HERSEY	MUSKEGON	4,800	12,000	18	SHERRY RAPIDS	WOLF	2,100	11,700	47
EVART	MUSKEGON	2,500	6,400	11	LOWER FALLS	OCONTO	2,600	13,000	40
GRAND RAPIDS	GRAND	6,700	30,000	17	FLAT ROCK	OCONTO	1,900	9,600	34
SARANAC	GRAND	3,700	16,700	16	CRIVITZ	PESTIGO	2,000	7,100	18
PORTLAND	GRAND	2,400	5,400	20	SPRING RAPIDS	PESTIGO	3,700	16,600	46
MC GEE	GRAND	3,300	14,200	32	ROARING RAPIDS	PESTIGO	9,700	49,400	200
DANBY	GRAND	2,600	12,100	32	STRONG FALLS	PESTIGO	1,800	5,600	44
WILLIAMS BRIDGE	KALAMAZOO	2,200	11,600	18	MENOMINEE UPPER	MENOMINEE	2,500	4,000	18
KINGS LANDING	ST JOSEPH	7,200	29,400	18	S SAND PORTAGE	MENOMINEE	4,600	23,000	43
CHAPPIE RAPIDS	MENOMINEE	5,200	24,000	16	NIAGARA	MENOMINEE	5,400	15,000	67
PEMENE FALLS	MENOMINEE	10,000	40,000	32	S LITTLE BULL RAPIDS	MENOMINEE	1,850	12,000	25
PEMENE DAM	MENOMINEE	7,000	33,000	28	LASALLE	PINE	2,100	12,000	50
S SAND PORTAGE	MENOMINEE	4,600	23,000	43	SITE NO 6	E BR MONTREAL	3,100	15,200	284
QUINNESEC	MENOMINEE	8,000	32,000	92	BAKER	BAD	4,900	27,000	104
S LITTLE BULL RAPIDS	MENOMINEE	1,850	12,000	25	POTATOE	POTATOE	2,900	16,000	225
MICHIGAMME FALLS	MICHIGAMME	9,600	33,000	60	BRULE RIVER	BRULE	2,300	16,000	170
					SITE NO 14	WISCONSIN	14,700	95,500	25

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
WISCONSIN CONT'D					WEST NORTH CENTRAL				
					MINNESOTA				
BOSCOBEL	WISCONSIN	16,500	106,900	29					
MUSCODA	WISCONSIN	10,400	65,400	20					
SITE NO 10	WISCONSIN	14,200	90,400	28	BIG FORK NO 1	BIG FK	1,400	5,700	26
HONEY CREEK	WISCONSIN	5,100	31,600	12	BIG FORK NO 2	BIG FK	1,600	6,500	30
TRAPPE RAPIDS	WISCONSIN	5,600	27,900	24	BIG FORK NO 3	BIG FK	2,400	9,600	58
					LITTLE FORK NO 1	LITTLE FK	1,400	5,700	24
BILL CROSS	WISCONSIN	3,600	21,000	22	LITTLE FORK NO 2	LITTLE FK	2,400	10,300	42
NIGGER ISLAND	WISCONSIN	4,200	24,600	43					
BLACK RIVER NO 1	BLACK	7,600	26,100	40	LITTLE FORK NO 3	LITTLE FK	1,500	6,100	35
BLACK RIVER NO 2	BLACK	2,300	7,600	20	LITTLE FORK NO 4	LITTLE FK	1,600	7,100	50
BLACK RIVER NO 3	BLACK	3,000	10,300	40	VERMILION NO 1	VERMILION	3,000	14,700	87
					VERMILION NO 2	VERMILION	2,800	13,100	98
LEVIS ISLAND	BLACK	2,500	14,000	30	BIRCH LAKE	KAWISHIWI	2,100	12,500	42
DURAND	CHIPPEWA	39,600	179,000	57					
DUNNVILLE	RED CEDAR	3,700	16,000	30	GRAND RAPIDS	ST LOUIS	10,000	57,000	66
VARNEY CREEK	RED CEDAR	3,400	15,000	30	GOOSEBERRY	GOOSEBERRY	1,200	4,000	237
MENOMINEE	RED CEDAR	2,900	9,000	37	BEAVER BAY	BEAVER BAY	2,500	15,000	298
					BAPTISM	BAPTISM	11,400	60,000	598
SITE NO 10	CHIPPEWA	5,200	23,700	13	LOWER POPLAR	POPLAR	4,500	26,000	278
SITE NO 21	FLAMBEAU	2,700	13,100	17					
SITE NO 24	FLAMBEAU	3,900	20,300	25	UPPER POPLAR	POPLAR	7,400	38,000	460
SITE NO 25	FLAMBEAU	3,400	17,500	22	CASCADE	CASCADE	5,600	26,800	663
SITE NO 26	FLAMBEAU	3,100	15,800	20	LOWER	DEVIL TRACK	2,800	13,200	395
					UPPER	DEVIL TRACK	2,700	11,500	395
SITE NO 27	FLAMBEAU	1,900	11,200	22	BRULE NO 5	BRULE	6,200	33,800	270
SITE NO 28	FLAMBEAU	1,600	9,000	19					
SITE NO 29	FLAMBEAU	1,400	8,000	20	BRULE NO 4	BRULE	7,200	39,300	320
GRAND RAPIDS	CHIPPEWA	5,600	22,600	35	BRULE NO 3	BRULE	5,100	28,400	230
MURRY	CHIPPEWA	5,300	21,400	35	BRULE NO 2	BRULE	1,800	7,900	60
					HIGH FALLS	PIGEON	10,600	45,300	225
BRUNET	CHIPPEWA	4,100	16,000	28	HORN RAPIDS	PIGEON	4,600	19,800	75
SITE NO 4	CHIPPEWA	2,200	8,800	19					
RADISSON	CHIPPEWA	4,300	17,500	40	TUNNEL	PIGEON	4,500	19,700	93
SITE NO 2	CHIPPEWA	1,800	6,900	19	CASCADES	PIGEON	3,500	15,800	225
LOWERS	CHIPPEWA	2,900	11,700	29	PARTRIDGE FALLS	PIGEON	1,700	6,500	110
					ROOT NO 4	ROOT	1,400	6,500	27
S STILLWATER	ST CROIX	2,100	12,600	20	ROOT NO 2	ROOT	1,900	8,800	54
S NEVERS	ST CROIX	10,000	42,600	45					
S KETTLE RIVER RAPIDS	ST CROIX	13,750	62,500	78	S STILLWATER	ST CROIX	2,100	12,600	20
SWISS	ST CROIX	2,700	17,900	35	S NEVERS	ST CROIX	10,000	42,600	45
NAMAKAGON	NAMAKAGON	1,500	7,000	25	S KETTLE RIVER RAPIDS	ST CROIX	13,750	62,500	78
DEAL	NAMAKAGON	3,000	9,100	37	DELHI	MINNESOTA	2,900	17,400	32
		318,300	1,506,600		DAM NO 26	MISSISSIPPI	7,300	33,200	16
E. N. CENTRAL TOTAL		3,091,550	12,784,600		DAM NO 25	MISSISSIPPI	5,700	25,400	14
					DAM NO 22	MISSISSIPPI	11,200	58,500	29
					DAM NO 21	MISSISSIPPI	11,200	60,100	30
					DAM NO 20	MISSISSIPPI	11,200	59,000	29
					DAM NO 19	MISSISSIPPI	3,300	14,400	11
					DAM NO 17	MISSISSIPPI	6,000	30,800	19

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
MINNESOTA CONT'D									
DAM NO 13	MISSISSIPPI	5,700	27,800	19	A OZARK BEACH	WHITE	16,000	51,000	47
DAM NO 11	MISSISSIPPI	4,800	22,300	16	TABLE ROCK	WHITE	168,000	445,000	207
BRAINARD	MISSISSIPPI	8,700	45,600	38	GALENA	JAMES	54,000	62,000	137
DAM NO 4A	MISSISSIPPI	2,100	7,800	11	WAPPAPELLO	ST FRANCIS	7,500	21,000	32
DAM NO 2	MISSISSIPPI	4,500	21,500	24	ROWLAND CHURCH	ST FRANCIS	35,000	51,000	98
		227,250	1,116,100		MARBLE CREEK	ST FRANCIS	30,000	47,000	116
IOWA									
BELFAST	DES MOINES	17,200	81,000	46	S COMMERCE	MISSISSIPPI	448,000	1,155,000	56
BENTONSPORT	DES MOINES	8,100	34,000	22	MISSISSIPPI	MISSISSIPPI	290,000	1,100,000	35
KILBOURNE	DES MOINES	7,200	30,000	20	CEDAR HILL	BIG	8,000	25,000	69
OTTUMWA	DES MOINES	1,900	4,000	14	UNION	BOURBEUSE	8,000	25,000	85
RED ROCK	DES MOINES	17,200	51,800	53	MERAMEC PARK	MERAMEC	14,000	50,000	93
					CHAIN OF ROCKS	CUIVRE	4,200	10,000	41
DES MOINES	DES MOINES	1,400	5,000	9	JOANNA	SALT	35,000	86,800	94
ADEL	RACCOON	1,500	6,000	25	B KANSAS CITY TO MOUTH	MISSOURI	1,200,000	6,500,000	345
RIPPEY	RACCOON	1,300	6,000	24	RICH FOUNTAIN	GASCONADE	35,000	96,000	78
JEFFERSON	RACCOON	1,200	5,000	28					
LINNBURG	DES MOINES	4,200	16,000	31	ARLINGTON	GASCONADE	30,000	118,700	101
					RICHLAND	GASCONADE	25,000	49,000	97
KALO	DES MOINES	2,200	8,000	22	A LOCK NO 2	OSAGE	20,000	160,900	25
FORT DODGE	DES MOINES	2,400	9,000	28	OSAGE	OSAGE	43,000	0	96
BADGER	DES MOINES	2,100	8,000	26	ST ELIZABETH	BIG TAVERN CR	3,000	10,500	63
AUGUSTA	SKUNK	2,400	8,000	16					
LOWELL	SKUNK	2,300	8,000	16	GRAND GLAIZE	GRAND GLAIZE	4,000	18,500	91
					NIANGUA	NIANGUA	9,700	31,900	98
PELLA	SKUNK	2,100	12,000	42	LITTLE NIANGUA	LITTLE NIANGUA	3,400	11,000	69
MUSCATINE	GENEVA CR	60,000	200,000	95	OSAGE	OSAGE	2,500	18,000	14
ROCHESTER	CEDAR	28,000	85,000	55	POMME DE TERRE	POMME DE TERRE	7,000	26,000	80
CEDAR RAPIDS	CEDAR	9,600	43,900	45					
PROJECT NO 13 A	CEDAR	11,200	40,000	38	STOCKTON	SAC	7,000	32,800	70
					CHILLICOTHE	GRAND	18,000	95,000	50
FLOYD	CEDAR	1,900	8,000	46	B S RULO TO KANSAS CITY	MISSOURI	170,000	1,000,000	120
CORALVILLE	IOWA	2,400	14,400	38	B S NEBRASKA CITY TO RULO	MISSOURI	50,000	300,000	40
BIG ROCK	WAPSIPINCON	2,200	5,900	30			2,953,300	11,940,900	
SPRAGUEVILLE	MAQUOKETA	3,200	12,100	43	NORTH DAKOTA				
MAQUOKETA	MAQUOKETA	1,500	7,500	20	SOLE	CANNONBALL	3,800	10,500	85
					BISMARCK	MISSOURI	100,000	474,000	43
CRABB HILL	NORTH FK	1,300	7,500	75	GARRISON	MISSOURI	400,000	1,570,000	183
LAKEHURST	MAQUOKETA	1,600	8,500	45	DES LACS	SOURIS CANAL	60,000	181,000	158
MEDERVILLE	VOLGA	1,200	5,900	60	CROSBY	SOURIS CANAL	48,000	168,000	98
MOTOR	TURKEY	1,300	5,900	35			611,800	2,403,500	
UPPER IOWA	UPPER IOWA	2,700	12,600	69	SOUTH DAKOTA				
B S SIOUX CITY TO NEB CITY	MISSOURI	200,000	1,100,000	195	B S YANKTON TO SIOUX CITY	MISSOURI	80,000	350,000	80
		402,800	1,849,000		S GAVINS POINT	MISSOURI	50,000	285,000	48
MISSOURI									
DONIPHAN	CURRENT	60,000	155,000	100	FORT RANDALL	MISSOURI	320,000	1,236,000	140
BLAIR CREEK	CURRENT	120,000	142,000	174	RELIANCE	WHITE	4,500	6,200	87
CLEARWATER	BLACK	28,000	46,800	104	BIG BEND	MISSOURI	120,000	588,000	60
					OAHE	MISSOURI	425,000	1,850,000	203
					MILLER	DIVERSION CANAL	180,000	385,000	24

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TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>SOUTH DAKOTA CONT'D</u>					<u>KANSAS</u>				
CHERRY CREEK	CHEYENNE	14,000	48,600	90	EDWARDSVILLE	KANSAS	25,000	85,000	35
PEDRO	CHEYENNE	13,000	45,300	90	EUDORA	KANSAS	25,000	90,000	40
ANGOSTURA	CHEYENNE	10,000	33,100	148	LECOMPTON	KANSAS	15,000	60,000	30
COAL MINE	S FK CHEYENNE	6,000	15,800	91	TECUMSEH	KANSAS	15,000	54,000	30
		1,222,500	4,843,200		TOPEKA	KANSAS	20,000	78,000	45
<u>NEBRASKA</u>					TUTTLE CREEK	KANSAS	20,000	55,000	81
HARLAN COUNTY	REPUBLICAN	2,500	12,000	63	BS RULO TO KANSAS CITY	BIG BLUE	170,000	1,000,000	120
S NEBRASKA CITY TO RULO	MISSOURI	30,000	300,000	40		MISSOURI	290,000	1,422,000	
SOUTH BEND	PLATTE	27,000	112,000	34	<u>W. N. CENTRAL TOTAL</u>				
NICKERSON	MAPLE CR	5,600	23,000	70			6,388,850	27,001,700	
MAPLE CREEK	MAPLE CR	5,300	22,000	65	<u>SOUTH ATLANTIC</u>				
					<u>DELAWARE</u>				
WATERLOO	PLATTE	11,000	129,000	48			0	0	
ROGERS	PLATTE	23,100	207,000	100	<u>MARYLAND</u>				
CUSHING	NORTH LOUP	6,000	19,000	88					
DAVIS CREEK	NORTH LOUP	11,000	21,000	172	A CONOWINGO	SUSQUEHANNA	144,000	384,000	88
PLEASANT HILL	NORTH LOUP	2,600	17,000	70	S BEAR ISLAND	POTOMAC	50,000	134,000	74
					S RIVERBEND	POTOMAC	75,000	222,000	77
LEES PARK	MIDDLE LOUP	6,200	29,000	144	S ORLEANS	POTOMAC	20,000	48,000	54
LILLIAN	MIDDLE LOUP	5,000	24,000	90	SANG RUN	YOUGHIOGHENY	48,000	153,100	560
GEORGETOWN	DISMAL	1,900	8,000	115	SWALLOW FALLS	YOUGHIOGHENY	23,000	73,000	350
ASH CREEK	DISMAL	2,000	11,000	150			360,000	1,014,100	
PLUM CREEK	PLUM CR	24,000	31,000	138			0	0	
					<u>DISTRICT OF COLUMBIA</u>				
SUTHERLAND	SOUTH PLATTE	3,000	15,000	31					
KINGSLEY	NORTH PLATTE	22,500	95,000	140	<u>VIRGINIA</u>				
NORTH PORT	NORTH PLATTE	10,000	49,000	260					
S SIOUX CITY TO NEB CITY	MISSOURI	200,000	1,100,000	195	OCCOQUAN	OCCOQUAN	17,500	46,800	165
S YANKTON TO SIOUX CITY	MISSOURI	80,000	350,000	80	CHAIN BRIDGE	POTOMAC	120,000	442,000	75
					S BEAR ISLAND	POTOMAC	50,000	134,000	74
S GAVINS POINT	MISSOURI	50,000	285,000	48	S RIVERBEND	POTOMAC	75,000	222,000	77
NIOBRARA	NIOBRARA	17,800	78,000	130	HARPERS FERRY	POTOMAC	90,000	333,000	67
REDBIRD	NIOBRARA	12,600	58,000	100					
SPENCER	NIOBRARA	16,900	90,000	160	R FREDERICKSBURG	RAPPAHANNOCK	18,600	34,000	63
PHOENIX	NIOBRARA	9,400	48,000	100	SALEM CHURCH	RAPPAHANNOCK	81,800	142,000	156
					GOODALL	SOUTH ANNA	5,100	15,000	90
OTTER CREEK	NIOBRARA	12,000	66,000	145	ROCK FALLS	NORTH ANNA	5,900	16,000	74
LONG PINE	LONG PINE	21,000	46,000	150	DILLARDS MILL	NORTH ANNA	4,000	11,000	60
RESERVOIR NO 5	NIOBRARA	5,400	28,000	75					
SPARKS	NIOBRARA	5,400	21,000	80	R 12TH STREET	JAMES	10,500	68,000	28
THACHER	NIOBRARA	6,700	27,000	106	R BELLE ISLE	JAMES	16,600	84,000	37
					R BOULEVARD	JAMES	19,900	102,000	32
CROOKSON	NIOBRARA	4,500	22,000	99	BOSHER	JAMES	24,000	126,000	32
KILGORE	NIOBRARA	4,600	19,000	113	PENBERTON	JAMES	108,000	360,000	99
RESERVOIR NO 4	NIOBRARA	4,000	15,000	111	ROCK HOUSE	JAMES	12,000	74,000	29
ELI	NIOBRARA	4,000	15,000	111	JOSHUA FALLS	JAMES	16,000	82,000	44
RESERVOIR NO 3	NIOBRARA	3,200	13,000	117					
RESERVOIR NO 2	NIOBRARA	2,600	13,000	120					
RESERVOIR NO 1	NIOBRARA	2,400	9,000	120					
		681,200	3,427,000						

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TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE		RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>VIRGINIA CONT'D</u>						NO 17		CHEAT	50,000	100,000	565
R	BALCONY FALLS	JAMES	14,100	74,300	50	NO 15		CHEAT	65,000	139,000	110
	MAURY	NORTH	36,000	53,000	298	NO 14		CHEAT	65,000	139,000	110
	LYLE	JAMES	10,000	57,000	46	NO 13		CHEAT	90,000	234,000	170
	HIPES	CRAIG CR	18,000	27,000	143	NO 12		CHEAT	110,000	239,000	265
	GATHRIGHT	JACKSON	34,000	51,000	252	NO 11		HORSE SHOE RUN	60,000	118,000	795
A	JOHN H KERR	ROANOKE	160,000	91,000	97	NO 10		BLACKWATER	40,000	82,000	665
R	SCHOOLFIELD	DAN	24,500	80,000	88	NO 4A		SHAVERS FK	40,000	76,000	260
	STUART	SMITH	15,000	40,000	118	NO 3		SHAVERS FK	70,000	131,000	655
	PHILPOTT	SMITH	14,000	24,500	163	TYGART		TYGART	40,000	173,000	170
	RANDOLPH	ROANOKE	30,000	100,000	71	LAUREL		TYGART	70,000	197,000	480
						<u>NORTH CAROLINA</u>					
	MELROSE	ROANOKE	40,000	130,000	108	ROANOKE RAPIDS		ROANOKE	91,000	294,000	78
	TABER	ROANOKE	15,000	50,000	43	GASTON		ROANOKE	116,000	318,000	69
	LEESVILLE	ROANOKE	15,000	55,000	66	PROJECT NO 4		TAR	3,500	19,300	27
R	SMITH MOUNTAIN	ROANOKE	50,000	100,000	200	PROJECT NO 3		TAR	4,000	19,700	55
	RADFORD	NEW	165,000	560,000	328	PROJECT NO 2		TAR	4,000	20,000	65
	FOSTER FALLS	NEW	20,000	140,000	50	BAKERS MILLS		LITTLE	3,200	2,600	35
R	BUCK BYLLESBY	NEW	0	95,000	140	SMITHFIELD		NEUSE	9,000	14,300	21
R	FRIES JUNCTION	NEW	12,000	89,000	60	WILSON MILLS		NEUSE	8,500	9,700	40
	MOORES FERRY	NEW	40,000	280,000	195	MILBURNIE FALLS		NEUSE	9,500	8,500	40
<u>WEST VIRGINIA</u>			1,387,500	4,388,600				NEUSE	11,000	10,900	50
	MILLVILLE	SHENANDOAH	90,000	219,000	156	SMILEY FALLS		CAPE FEAR	23,800	84,200	40
	ROCKY MARSH	POTOMAC	22,000	82,000	26	LILLINGTON		CAPE FEAR	27,000	95,000	45
	PINESBURG	POTOMAC	44,000	141,000	52	LOCKVILLE		DEEP	13,400	38,000	49
	EDS FORT	CACAPON	24,000	68,000	222	NEW HOPE		HAW	33,500	76,000	70
	ORLEANS	POTOMAC	20,000	48,000	54	MOORES MILL		HAW	22,400	56,000	70
	SPRINGFIELD	S BR POTOMAC	60,000	124,000	178	BYNUM		HAW	29,600	65,000	90
	ROYAL GLEN	S BR POTOMAC	14,000	67,000	187	MANDALE		HAW	22,400	54,400	80
	GALLIPOLIS	OHIO	40,000	229,000	23	MORVEN		PEE DEE	30,000	125,300	34
	SWISS	GAULEY	20,000	135,000	100	GREATER BLEWETT		PEE DEE	45,400	186,000	80
	CARNIFEX	GAULEY	160,000	680,000	500	CRUMPS FORD		ROCKY	33,000	81,500	135
	MEADOW RIVER	MEADOW	70,000	250,000	680	NANCES FORD		ROCKY	5,200	19,400	68
	SUMMERSVILLE	GAULEY	110,000	435,000	481	LOVES FORD		ROCKY	11,500	36,000	108
	GAULEY MILLS	GAULEY	40,000	110,000	400	TUCKERTOWN		YADKIN	45,000	152,000	57
	THURMOND	NEW	160,000	1,100,000	240	COOLEEMEE		SOUTH YADKIN	15,100	22,600	86
	STRETCHER NECK	NEW	100,000	700,000	145	JUNCTION		YADKIN	36,000	108,800	71
	SANDSTONE	NEW	150,000	735,000	170	STYERS		YADKIN	24,000	103,500	85
	BLUESTONE	NEW	180,000	405,000	125	UPPER DONNAHA		YADKIN	58,800	124,900	124
S	CHINKAPIN BAR	OHIO	100,000	470,000	42	ELKIN		YADKIN	17,400	43,500	77
S	MARIETTA	OHIO	60,000	257,000	30	WILKESBORO		YADKIN	23,500	44,700	149
S	WOODLAND	OHIO	60,000	270,000	30	LINCOLNTON		SOUTH FK	6,900	6,300	83
S	STUEBENVILLE	OHIO	50,000	197,000	22	COWANS FORD		CATAWBA	81,300	136,000	112
	NO 18	CHEAT	50,000	104,000	70	MORGANTON		CATAWBA	26,900	52,200	70

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WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
NORTH CAROLINA CONT'D					S SAND BOTTOM	CHATTOOGA	9,500	23,850	142
CLINCHFIELD	BROAD	25,000	59,000	140	S WAR WOMAN	CHATTOOGA	10,000	24,600	182
TURNER	GREEN	3,000	6,500	87	GEORGIA				
FOSTER	GREEN	10,000	21,000	115	S TILLMAN	SAVANNAH	28,000	116,450	30
SALUDA	GREEN	50,000	100,000	687	S BRIER CREEK	SAVANNAH	50,000	195,800	53
TUXEDO	GREEN	3,000	9,000	296	S NEW SAVANNAH	SAVANNAH	9,500	45,400	15
HIWASSEE	HIWASSEE	57,600	15,000	253	S OLMSTEAD	SAVANNAH	72,000	126,500	45
	HIWASSEE	10,000	31,000	124	ANTHONY SHOALS	BROAD	24,000	62,200	65
CHATUGE	LITTLE TENNESSEE	67,500	0	432	TALLOW HILL	BROAD	45,000	119,400	190
FONTANA	E FK TUCKASEGEE	3,900	15,000	155	RS GOAT ISLAND	SAVANNAH	30,100	135,250	95
BEAR CREEK	E FK TUCKASEGEE	2,600	10,000	120	S MIDDLETON SHOALS	SAVANNAH	13,000	58,650	45
ISLAND FORD	E FK TUCKASEGEE	8,000	32,000	545	RS HARTWELL	SAVANNAH	150,000	226,500	185
WOLF CREEK	CANE	10,000	29,400	410	S CAMP CREEK	CHATTOOGA	13,000	31,500	130
ELK SHOAL	PIGEON	60,000	115,000	302	S ROGUES FORD	CHATTOOGA	19,000	47,550	296
FINES CREEK	NEW	25,000	90,000	164	S SAND BOTTOM	CHATTOOGA	9,500	23,850	142
HALSEY		1,227,200	2,963,200		S WAR WOMAN	CHATTOOGA	10,000	24,600	182
SOUTH CAROLINA					GOOSE CREEK	ALTAMAHA	120,000	486,500	65
BUCKINGHAM LANDING	Santee	85,000	500,000	55	CYPRESS BRANCH	OCONEE	15,000	118,200	29
COURTNEY ISLAND	CATAWBA	47,100	150,000	56	ROCKLEDGE	OCONEE	18,000	136,200	37
SUGAR CREEK	CATAWBA	21,500	65,100	32	DUBLIN	OCONEE	18,000	130,800	37
REREGULATOR	CONGAREE	29,300	113,000	42	TOOMSBORO	OCONEE	14,000	100,600	36
FROST SHOALS	BROAD	96,000	230,000	75	MILLEDGEVILLE	OCONEE	9,000	62,200	23
BLAIRS	BROAD	77,300	196,000	81	SINCLAIR	OCONEE	45,000	150,000	90
BURNT FACTORY	TIGER	8,100	31,000	90	MURDER CREEK	MURDER CR	60,000	125,900	131
NESBIT	TIGER	7,000	26,000	98	MONTICELLO	SHOAL CR	12,000	59,000	70
GREATER LOCKHART	BROAD	14,000	80,000	48	LAURENS SHOALS	OCONEE	32,000	118,200	104
TROUGH	PACOLET	3,200	13,000	45	HIGH SHOALS	APALACHEE	2,600	10,700	115
GREATER CHEROKEE	BROAD	12,000	50,000	36	BARNETT SHOALS	OCONEE	7,200	23,300	68
GREATER GASTON	BROAD	15,700	84,000	105	MITCHELL BRIDGE	MIDDLE OCONEE	2,300	11,700	35
SALUDA	SALUDA	65,000	0	180	R TALASSEE	MIDDLE OCONEE	8,500	32,500	100
WALTERBORO	EDISTO	15,000	83,600	80	JACKSON BRIDGE	TOWALIGA	3,200	13,800	74
S TILLMAN	SAVANNAH	28,000	116,450	30	FACTORY SHOALS	ALCOY	4,000	20,600	111
S BRIER CREEK	SAVANNAH	50,000	195,800	53	ALMON	YELLOW	3,000	9,300	42
S NEW SAVANNAH	SAVANNAH	9,500	45,400	15	IRWIN BRIDGE	YELLOW	3,000	7,900	56
S OLMSTEAD	SAVANNAH	72,000	126,500	45	SNAPPING SHOALS	SOUTH	4,000	18,600	54
CLARK HILL	SAVANNAH	280,000	703,000	143	PEACHSTONE	SOUTH	4,200	15,300	66
S GOAT ISLAND	SAVANNAH	30,100	135,250	95	ST MARYS SATILLA	SATILLA	100,000	133,000	51
S MIDDLETON SHOALS	SAVANNAH	13,000	58,650	45	HURRICANE	SATILLA	12,400	23,400	32
RS HARTWELL	SAVANNAH	150,000	226,500	185	WAYCROSS	SATILLA	9,600	22,100	35
NEWRY	KEOWEE	32,000	80,700	140	PEARSON	SATILLA	5,300	12,700	34
TOWAWAY	TOWAWAY	90,000	186,000	2,147	S UPPER COLUMBIA	CHATTAHOOCHEE	52,350	230,000	88
S CAMP CREEK	CHATTOOGA	15,000	31,500	130	S FORT BENNING	CHATTAHOOCHEE	12,500	35,000	24
S ROGUES FORD	CHATTOOGA	19,000	47,550	296	R COLUMBUS	CHATTAHOOCHEE	26,200	76,900	33

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>GEORGIA CONT'D</u>					LAUREL	LAUREL	20,000	56,000	273
R NORTH HIGHLAND	CHATTAHOOCHEE	122,900	391,000	113	S GOLCONDA	OHIO	250,000	1,380,000	44
GOAT ROCK	CHATTAHOOCHEE	34,000	84,000	65	ROUGH RIVER RES	ROUGH	4,000	14,300	78
S FLAT SHOAL	CHATTAHOOCHEE	15,500	50,900	40	MINING CITY	GREEN	30,000	150,000	49
LANIER	CHATTAHOOCHEE	66,700	199,600	71	BARREN NO 2	BARREN	50,000	105,000	130
FRANKLIN	CHATTAHOOCHEE	40,000	140,000	70	NOLIN RIVER RES	NOLIN	22,000	59,000	133
CEDAR CREEK	CHATTAHOOCHEE	35,000	90,000	55	S OWENSBORO	OHIO	125,000	717,000	37
VININGS	CHATTAHOOCHEE	18,200	52,900	43	ROLLING FORK RES	SALT	4,900	30,300	70
R MORGAN FALLS	CHATTAHOOCHEE	41,200	103,300	117	AS OHIO FALLS	OHIO	20,000	176,000	37
BUFORD	CHATTAHOOCHEE	86,000	155,000	150	LOCK NO 3	KENTUCKY	9,400	53,000	25
LOWER VADA	FLINT	16,000	113,600	49	JESSAMINE	KENTUCKY	13,900	73,000	86
R RACCOON CREEK	FLINT	4,900	41,600	27	BOONEVILLE	S FK KENTUCKY	7,300	42,000	140
ALBANY	FLINT	13,800	28,200	30	FINCASTLE RESERVOIR	N FK KENTUCKY	14,400	45,000	70
R ABRAMS CREEK	FLINT	11,800	41,300	20	BUCKHORN RESERVOIR	M FK KENTUCKY	16,100	32,000	106
CRISP COUNTY	FLINT	5,900	5,000	32	S MARKLAND	OHIO	120,000	575,000	35
MOUNTAIN CREEK	FLINT	21,000	67,600	36	POOLS CREEK	LICKING	30,000	79,000	50
MIONA	FLINT	19,000	57,900	48	BOSTON	LICKING	22,500	56,000	40
LAKE AUCHUMPEE	FLINT	43,000	115,800	97	FALMOUTH	LICKING	180,000	255,000	137
LIZA CREEK	FLINT	39,700	115,400	126	CAVE RUN	LICKING	40,000	57,000	110
SPEWRELL BLUFF	ETOWAH	56,600	130,800	172	S NEW RICHMOND	OHIO	100,000	488,000	33
KINGSTON	ETOWAH	26,000	106,000	72	S GREENUP	OHIO	50,000	262,000	27
A ALLATOONA	ETOWAH	36,000	0	146	TOWERS	RUSSELL FK	50,000	140,000	420
CANTON	ETOWAH	11,400	41,800	67			1,409,300	5,775,600	
GILMER	ETOWAH	30,000	68,000	160	<u>TENNESSEE</u>				
ARMUCHEE	OOSTANAULA	24,000	99,000	60	JACKS RIVER	CONASAUGA	5,800	16,700	190
TAILS CREEK	COOSAWATTEE	56,000	228,000	573	MELTON HILL	CLINCH	32,000	105,000	43
CARTECAY	CARTECAY	10,500	29,300	201	CHILHOWEE	LITTLE TENNESSEE	30,000	111,000	59
TILTON	CONASAUGA	10,000	41,000	65	DOUGLAS	FRENCH BROAD	26,000	71,000	128
NOTTLEY	NOTTLEY	15,000	37,000	169	NOLICHUCKY	NOLICHUCKY	40,000	135,000	115
<u>FLORIDA</u>					HARTFORD	PIGEON	20,000	110,000	237
MACCLENNY	ST MARYS	60,000	100,000	61	CHEROKEE	HOLSTON	60,000	22,000	148
JIM WOODRUFF	APALACHICOLA	30,000	226,300	33	FORGEY CREEK	HOLSTON	60,000	165,000	91
		90,000	326,300		FORT PATRICK HENRY	S FK HOLSTON	36,000	90,000	70
					BOONE	S FK HOLSTON	75,000	172,000	130
					CHEATHAM	CUMBERLAND	36,000	160,000	27
					THREE ISLANDS	HARPETH	20,000	45,000	94
					STEWART FERRY	STONE	13,500	52,000	96
					OLD HICKORY	CUMBERLAND	100,000	502,000	60
					CARTHAGE	CUMBERLAND	92,000	343,000	55
					A DALE HOLLOW	OBEY	18,000	0	138
					HELENWOOD	SOUTH FK	40,000	154,000	285
					<u>ALABAMA</u>		704,300	2,253,700	
					UPPER COLUMBIA	CHATTAHOOCHEE	52,350	230,000	88
<u>SOUTH ATLANTIC TOTAL</u>									
<u>EAST SOUTH CENTRAL</u>									
<u>KENTUCKY</u>									
LOWER CUMBERLAND	CUMBERLAND	130,000	551,000	47					
CELINA	CUMBERLAND	64,800	230,000	50					
DEVIL JUMP	SOUTH FK	25,000	106,000	158					
ROCK CASTLE	ROCK CASTLE	10,000	44,000	147					

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>ALABAMA CONT'D</u>					JACKSON	PEARL	52,200	118,800	78
S FORT BENNING	CHATTAHOOCHEE	12,500	35,000	24	YOKAHOCKANY	YOKAHOCKANY	3,300	10,100	50
S FLAT SHOAL	CHATTAHOOCHEE	15,500	50,900	40	EDINBURG	PEARL	8,000	21,900	55
S FORT STODDARD	MOBILE	180,000	1,358,700	40	EDWARDS	BIG BLACK	52,300	141,000	92
DEMOPOLIS	TOMBIGBEE	35,000	150,000	38	GRENADA	YALOBUSHA	5,000	19,000	30
TUSCALOOSA	WARRIOR	16,000	103,000	30	ARKABUTLA	COLDWATER	12,000	42,000	58
					SARDIS	TALLAHATCHIE	15,000	60,000	73
							409,900	1,818,700	
NORTH RIVER	NORTH	14,000	51,000	146	<u>E. S. CENTRAL TOTAL</u>			4,167,850	16,959,900
LOCK AND DAM NO 13	WARRIOR	36,000	237,000	62	<u>WEST SOUTH CENTRAL</u>				
LOCK AND DAM NO 17	WARRIOR	38,000	253,000	69	<u>ARKANSAS</u>				
SAYRE	LOCUST FK	10,000	53,000	70	BENTON	SALINE	6,500	23,100	88
SMITH FORD	LOCUST FK	22,000	78,000	155	KIRKLAND	SMACKOVER CR	1,700	7,100	50
					RIGGS BLUFF	LITTLE MISSOURI	4,200	8,000	40
AUSTIN CREEK	LOCUST FK	7,300	24,900	109	NARROWS	LITTLE MISSOURI	8,500	0	142
BLOUNTSVILLE	LOCUST FK	11,400	27,000	134	ROCKPORT	OUACHITA	10,000	23,000	24
HANBY MILL	MULBERRY FK	12,300	32,500	98					
NEW HOPE	SIPSEY FK	92,000	171,000	230	A REMMEL	OUOCHITA	12,000	18,000	50
B BELOW STATE LINE	TOMBIGBEE	100,000	630,000	85	A CARPENTER	OUACHITA	28,000	29,000	95
					BLAKELY MOUNTAIN	OUACHITA	75,000	131,500	186
MILLERS FERRY	ALABAMA	100,000	472,000	40	DEGRAY	CADDO	32,000	62,200	182
JONES BLUFF	ALABAMA	100,000	465,000	50	CADDO GAP	CADDO	1,700	6,200	97
MONTGOMERY	ALABAMA	80,000	398,000	30					
WALLAHATCHIE	TALLAPOOSA	36,000	118,000	40	MILLWOOD	LITTLE	3,400	22,500	32
THURLLOW	TALLAPOOSA	25,000	0	89	UPPER DIERKS	SALINE	10,000	14,000	144
					RED HILL	COSSATOT	3,000	11,000	46
R UPPER TALLASEE	TALLAPOOSA	16,000	16,000	55	GILLHAM	COSSATOT	30,000	43,000	156
EMUCKFAW	TALLAPOOSA	96,000	329,000	170	DE QUEEN	ROLLING FK	15,000	20,000	120
CROOKED CREEK	TALLAPOOSA	44,000	185,000	140					
OAKFUSKEE	TALLAPOOSA	16,000	56,000	100	DAM NO 9	ARKANSAS	60,000	300,000	30
JORDAN	COOSA	25,000	0	89	NIMROD	FOURCHE LA FAVE	14,000	28,800	63
					CONWAY	ARKANSAS	88,000	480,000	36
A MITCHELL	COOSA	67,500	219,000	67	DARDANELLE	ARKANSAS	120,000	700,000	58
HATCHET CREEK	HATCHET CR	18,000	53,000	158	OZARK	ARKANSAS	80,000	350,000	34
LAY	COOSA	133,200	431,100	93					
WAXAHATCHEE	WAXAHATCHEE CR	2,600	8,000	68	JUDSONIA	LITTLE RED	18,000	65,000	71
HOWELL MILL SHOALS	COOSA	99,000	348,000	63	GREERS FERRY	LITTLE RED	96,000	182,000	189
					BELL FOLEY	STRAWBERRY	10,000	16,000	80
PATLAY	COOSA	54,000	229,000	40	HARDY	SPRING	52,000	79,000	126
MURRAY CROSS	COOSA	32,000	133,000	30	WATER VALLEY	ELEVEN POINT	40,000	117,000	127
TERRAPIN	TERRAPIN CR	2,600	9,700	65					
LITTLE RIVER	LITTLE	14,500	46,100	440	A WOLF BAYOU	WHITE	210,000	747,000	127
MILLS CREEK	MILLS CR	4,600	12,000	83	NORFORK	NORTH FORK	70,000	0	172
SEWELL FERRY	COOSA	24,000	99,000	29	LONE ROCK	BUFFALO FK	90,000	162,000	176
		1,644,350	7,111,900		GILBERT	BUFFALO FK	60,000	86,000	173
<u>MISSISSIPPI</u>					BUFFALO CITY	WHITE	30,000	111,000	37
B ABOVE STATE LINE	TOMBIGEE	200,000	1,270,000	172	COTTER	WHITE	33,000	107,000	38
WAYNESBORO	CHICKASAWHAY	32,000	74,400	74	A BULL SHOALS	WHITE	200,000	50,000	198
CHUNKY CREEK	CHUNKY CR	8,800	21,800	65					
LOWER STRONG	STRONG	11,900	21,400	68					
D LO	STRONG	9,400	18,300	90					

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
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By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>ARKANSAS CONT'D</u>					MC GEE BEND	ANGELINA	28,800	107,800	76
GRANDVIEW	KINGS	38,000	53,000	159	ROCKLAND	NECHES	13,500	62,300	63
BEAVER	WHITE	64,000	147,000	182	BRIDGEPORT	WEST FK	3,800	6,100	76
<u>LOUISIANA</u>					GARZA-LITTLE ELM	ELM FK	5,000	19,000	74
		1,614,000	4,199,400		GRAPEVINE	DENTON CR	2,500	6,500	78
DAM NO 3	CALCASIEU	4,900	21,000	25	LAMPASSAS	LAMPASSAS	3,300	6,500	101
FARMERVILLE	BAYDARBONNE	2,500	9,800	41	LEON	LEON	18,900	29,000	109
ALABAMA LANDING	OUACHITA	40,000	160,000	30	WACO DAM	BOSQUE	4,300	9,000	84
MORNINGSPOET	CYPRESS CR	3,000	9,400	18	WHITNEY	BRAZOS	30,000	98,400	102
<u>OKLAHOMA</u>					BEE MOUNTAIN	BRAZOS	25,000	60,000	78
		50,400	200,200						
BROKEN BOW	MOUNTAIN FK	75,000	128,000	170	CORDOVA BEND	BRAZOS	45,000	78,000	91
NARROWS	MOUNTAIN FK	50,000	88,000	147	HIGHTOWER	BRAZOS	35,000	46,000	60
IDABEL	LITTLE	14,700	38,600	70	INSPIRATION POINT	BRAZOS	25,000	48,000	69
PINE CREEK	LITTLE	15,000	44,000	85	TURKEY CREEK	BRAZOS	22,000	44,000	65
LUKFATA NO 1	GLOVER CR	20,000	37,000	154	MORRIS SHEPPARD	BRAZOS	11,200	11,000	127
CANEY CREEK	LITTLE	10,000	26,000	140	WEST POINT	COLORADO	15,000	60,000	80
S VALLIANT	RED	15,000	82,000	26	LOWER AUSTIN	COLORADO	15,000	60,000	94
HUGO	KIAMICHI	8,100	35,100	46	TANYARD	COLORADO	45,000	105,000	127
S ARTHUR CITY	RED	11,500	51,000	28	SAN SABA	SAN SABA	2,500	8,000	101
BOSWELL	MUDDY BOGGY	6,000	51,800	46	HANNA	COLORADO	20,000	49,000	105
S GARRETT'S BLUFF	RED	19,500	65,500	48	WINCHELL	COLORADO	24,000	48,300	129
DURANT	BLUE	4,000	12,000	59	STACY	COLORADO	15,000	37,000	150
S WADE	RED	12,000	35,000	29	NASWORTHY	SOUTH CONCHO	1,700	4,000	70
KEMP	RED	12,000	35,000	29	GONZALES	SAN MARCOS	8,000	8,000	52
DURWOOD	WASHITA	20,000	50,600	79	H 3	GUADALUPE	2,500	9,000	35
DOUGERTY	WASHITA	25,000	62,800	101	H 2	GUADALUPE	2,500	9,000	35
S GAINESVILLE	RED	45,000	109,500	106	H 1	GUADALUPE	2,500	9,000	35
SHORT MOUNTAIN	ARKANSAS	160,000	780,000	79	G B 6	GUADALUPE	5,000	11,000	38
EUFULA	CANADIAN	90,000	270,000	78	G B 5	GUADALUPE	5,000	11,000	45
OKMULGEE	DEEP FK	5,000	11,000	35	G B 4	GUADALUPE	5,000	10,000	35
WELTY	DEEP FK	3,300	7,200	31	RETENTION NO 2	GUADALUPE	5,000	11,000	53
WELEETKA	NORTH CANADIAN	11,500	43,000	122	CANYON	GUADALUPE	30,000	44,000	198
HOLDEN	SOUTH CANADIAN	67,500	211,000	138	OAKVILLE	NUECES	7,500	28,000	83
TENKILLER FERRY	ILLINOIS	34,000	100,000	144	FALCON	RIO GRANDE	31,500	125,000	100
WEBBERS FALLS	ARKANSAS	42,000	200,000	37	PALAFIX	RIO GRANDE	22,500	93,000	66
FORT GIBSON	GRAND	67,500	219,000	64	PECOS NO 1	PECOS	27,000	45,000	205
MARKHAM FERRY	GRAND	72,000	190,000	58	PECOS NO 2	PECOS	17,000	27,000	123
OOLOGAH	VERDIGRIS	14,000	70,000	76	PECOS NO 3	PECOS	16,000	21,000	99
KEYSTONE	ARKANSAS	60,000	169,000	74	PECOS NO 4	PECOS	22,500	34,000	148
		989,600	3,222,100		AQUA VERDE	RIO GRANDE	45,000	150,000	365
<u>TEXAS</u>					FARRELL BRIDGE	CYPRESS CR	6,000	10,300	48
TOLEDO BEND	SABINE	50,000	211,000	82	AVINGER	BLACK CYPRESS CR	2,600	2,500	55
DAM B	NECHES	3,500	30,000	31	TEXARKANA	SULPHUR	5,500	17,700	41
					DARDEN	SULPHUR	3,800	12,700	43

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DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>TEXAS CONT'D</u>					CARTER	MISSOURI	60,000	374,000	130
S VALLIANT	RED	15,000	82,000	26	PORTAGE	MISSOURI	20,000	147,000	72
S ARTHUR CITY	RED	11,500	51,000	28	FAIRFIELD	SUN CANAL	9,500	20,000	150
S GARRETT'S BLUFF	RED	19,500	65,500	48	GIBSON	SUN	11,000	41,000	162
S MADE	RED	12,000	35,000	29	ULM	MISSOURI	8,500	65,000	27
KEMP	RED	12,000	35,000	29	HARDY	MISSOURI	19,000	134,000	67
A DENISON	RED	105,000	30,000	112	CANYON FERRY	MISSOURI	50,000	284,000	160
S GAINESVILLE	RED	45,000	109,500	106	LOMBARD	MISSOURI	25,000	181,000	85
LAKE KEMP	WICHITA	1,400	8,000	67	PLANT NO 2	GALLATIN	3,400	21,000	70
SANFORD	CANADIAN	3,000	15,000	117	PLANT NO 1	GALLATIN	3,400	21,000	70
		961,800	2,363,100		LOWER BASIN	GALLATIN	14,000	66,000	236
					ENNIS	MADISON	58,000	283,000	370
					HIPPE	MADISON	3,000	19,000	40
					SQUAW CREEK	MADISON	9,500	56,000	120
					LYON	MADISON	24,000	121,000	310
<u>W. S. CENTRAL TOTAL</u>		<u>3,615,800</u>	<u>9,984,800</u>		A HEDGEN	MADISON	12,000	64,000	165
<u>MOUNTAIN</u>					JEFFERSON CANYON	JEFFERSON	42,000	184,000	160
<u>MONTANA</u>					GLEN	BIG HOLE	25,000	110,000	155
INTAKE	YELLOWSTONE	200,000	1,100,000	180	MELROSE	BIG HOLE	80,000	350,000	710
B BILLINGS TO GLENDIVE	YELLOWSTONE	900,000	4,800,000	1,250	WEARE	BULL	2,200	8,800	100
MOORHEAD	POWDER	8,000	29,000	190	NOXON RAPIDS	CLARK FK	200,000	815,000	73
CUSTER	BIG HORN	40,000	180,000	100	TROUT CREEK	CLARK FK	292,000	1,078,000	99
LITTLE HORN	LITTLE HORN	15,000	70,000	740	A ATHOMPSON FALLS	CLARK FK	50,000	391,000	60
YELLOW TAIL	BIG HORN	200,000	748,000	463	PARADISE	CLARK FK	1,008,000	2,138,000	243
LAUREL	YELLOWSTONE	150,000	780,000	280	KERR	FLATHEAD	56,000	0	190
STILLWATER	STILLWATER	40,000	190,000	1,000	SWAN LAKE	SWAN	4,800	26,000	54
BENSON BLUFF	YELLOWSTONE	110,000	530,000	220	A HUNGRY HORSE	S FK FLATHEAD	142,500	240,000	484
GREYCLIFF	YELLOWSTONE	120,000	580,000	250	CORAM	FLATHEAD	114,000	341,600	108
BOULDER	BOULDER	40,000	220,000	900	CANYON CREEK	N FK FLATHEAD	116,000	263,000	154
NATURAL BRIDGE	BOULDER	10,000	60,000	500	GLACIER VIEW	N FK FLATHEAD	210,000	563,000	402
BIG TIMBER	YELLOWSTONE	80,000	380,000	190	BELTON	M FK FLATHEAD	152,400	480,000	400
MISSION	YELLOWSTONE	50,000	355,000	193	QUARTZ CREEK	CLARK FK	123,000	392,000	130
LOWER CANYON	YELLOWSTONE	80,000	390,000	255	ALBERTON	CLARK FK	32,600	201,000	70
MILL CREEK	MILL CR	15,000	70,000	1,000	BONNER	BLACKFOOT	22,300	85,800	165
CHICORY	YELLOWSTONE	80,000	380,000	230	NINEMILE PRAIRIE	BLACKFOOT	74,000	157,600	307
YANKEE JIM	YELLOWSTONE	50,000	205,000	200	MYRICK	CLEARWATER	1,800	7,000	100
PORCUPINE	MISSOURI	18,000	113,000	30	OVANDO B	BLACKFOOT	19,400	74,500	250
A FORT PECK	MISSOURI	80,000	239,000	213	HEINZE	N FK BLACKFOOT	2,500	9,800	380
ROCKY POINT	MISSOURI	50,000	350,000	105	LINCOLN CANYON	BLACKFOOT	2,300	9,200	110
BEAR PAW	MISSOURI	40,000	269,000	81	FINLEN	ROCK CR	14,100	55,200	210
ILLIAD	MISSOURI	107,000	509,000	198	QUIGLEY	ROCK CR	14,300	56,100	240
KENIL	MARIAS	1,600	3,000	30	ATKINS	ROCK CR	9,000	35,000	174
TIBER	MARIAS	2,000	6,000	185	JOY	ROCK CR	10,500	41,200	234
FORT BENTON	MISSOURI	27,000	161,000	55	SAPPHIRE	W FK ROCK CR	3,600	14,000	210

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>MONTANA CONT'D</u>					PARKS	E FK S FK SALMON	5,600	46,000	370
YAAK CANYON	YAAK	25,000	96,000	250	HALF WAY	JOHNSON CR	3,100	27,200	520
LIBBY	KOOTENAI	18,000	1,735,000	353	RUSTICAN	JOHNSON CR	3,300	28,900	580
<u>IDAHO</u>					BUCKHORN	S FK SALMON	5,000	43,800	280
		6,311,200	24,571,800		REED	S FK SALMON	3,200	28,000	170
MINK	BEAR	20,000	60,600	115	POVERTY FLAT	S FK SALMON	4,600	39,000	325
LAVA	BEAR	13,400	37,900	99	BEAR HILL	S FK SALMON	5,100	44,700	390
LAPWAI	CLEARWATER	73,000	285,000	35	KNOX	S FK SALMON	2,800	24,500	240
MYRTLE	CLEARWATER	131,000	513,000	66	GROWLER RAPIDS	SALMON	248,000	968,000	305
AGATHA	CLEARWATER	105,000	407,000	53	BLACK CANYON	SALMON	238,000	926,800	332
PECK	CLEARWATER	70,000	272,000	35	PINNACLE PEAK	SALMON	243,000	944,300	376
BRUCES EDDY	N FK CLEARWATER	180,000	762,000	365	LEWIS	M FK SALMON	141,000	550,100	433
ELKBERRY	N FK CLEARWATER	210,000	964,000	523	MONUMENTAL	BIG CR	3,500	28,500	320
ROCK CREEK	N FK CLEARWATER	364,000	1,419,000	600	PUNGO	M FK SALMON	8,000	67,500	170
LOST CREEK	N FK CLEARWATER	13,000	50,000	49	RISLEY	M FK SALMON	5,300	44,800	135
FISHER CREEK	N FK CLEARWATER	10,000	73,000	268	STEELHEAD	M FK SALMON	5,400	46,100	145
KELLEY CREEK	N FK CLEARWATER	33,000	128,000	400	SHEEPSTEER	M FK SALMON	7,700	66,000	240
JIM FORD	CLEARWATER	26,000	227,800	66	DEERHORN	M FK SALMON	5,300	45,400	170
KOOSKIA	CLEARWATER	440,000	1,725,000	514	FULLER	M FK SALMON	5,800	49,800	190
JERRY JOHNSON	LOCHSA	46,000	177,800	290	SALMON FALLS	M FK SALMON	3,900	34,200	140
WENDOVER	LOCHSA	105,000	446,800	718	FALL CREEK	M FK SALMON	5,500	47,800	200
SELWAY FALLS	SELWAY	65,000	252,300	140	CHINOOK	M FK SALMON	5,200	45,500	200
MEADOW CREEK	MEADOW CR	2,500	18,700	210	BEAR VALLEY	M FK SALMON	7,800	68,300	310
WOLF CREEK	SELWAY	103,000	400,300	286	ROOD	PANTHER CR	3,200	25,600	290
MOOSE CREEK	SELWAY	240,000	718,300	592	DEER CREEK	PANTHER CR	5,000	37,100	450
RUNNING CREEK	SELWAY	50,000	197,000	302	JUREANO	PANTHER CR	3,000	23,700	310
WHITE CAP	SELWAY	68,000	262,800	483	SHOUP	SALMON	14,000	110,000	90
MEADOW CREEK	S FK CLEARWATER	73,000	284,700	810	INDIANOLA	SALMON	71,000	276,800	248
SILVER CREEK	S FK CLEARWATER	24,000	91,100	430	LOWER LEMHI	SALMON	2,500	11,000	75
NEWSOME CREEK	S FK CLEARWATER	50,000	198,000	1,040	12 MILE CREEK	SALMON	5,800	46,300	45
CLARKSTON	SNAKE	180,000	710,000	40	CAMP CREEK	SALMON	8,700	69,600	69
ASOTIN	SNAKE	350,000	2,146,000	140	RATTLESNAKE	SALMON	16,700	133,100	134
S NEZ PERCE	SNAKE	875,000	3,400,000	615	12 JA NO 16	SALMON	4,400	35,000	36
FREEDOM	SALMON	195,000	840,000	226	MCKIM CREEK	SALMON	17,000	136,000	140
CREVICE	SALMON	400,000	1,805,000	517	PAHSIMEROI	SALMON	61,000	237,400	297
WARREN	WARREN CR	91,000	446,800	3,479	CHALLIS	SALMON	5,000	25,000	200
RAINES	S FK SALMON	28,000	109,500	140	CLAYTON	SALMON	3,300	26,200	52
PORPHYRY	S FK SALMON	32,000	121,800	159	SULLIVAN HOT SPRINGS	SALMON	8,100	63,100	122
JEANOTT	S FK SALMON	8,000	69,000	160	HOLMAN CREEK	SALMON	5,900	46,100	95
BEAR CREEK	S FK SALMON	10,000	84,000	200	BADGER CREEK	SALMON	7,600	58,900	122
TAILHOLT	S FK SALMON	6,000	50,000	120	MULEY CREEK	SALMON	3,100	24,100	53
DEADMAN	E FK S FK SALMON	5,300	43,700	320	YANKEE FORK	SALMON	4,000	30,500	77
REGAN	E FK S FK SALMON	5,300	43,700	320	AMERICAN CREEK	SALMON	4,300	33,000	84
					ELK HORN CREEK	SALMON	3,400	25,800	70

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
IDAHO CONT'D					SHELLEY	SNAKE	4,700	38,900	28
STANLEY BASIN	SALMON	8,800	66,600	211	TETON RIVER	TETON	17,300	139,200	600
S HELLS CANYON	SNAKE	450,000	1,600,000	602	FALLS RIVER	FALLS	14,600	117,100	500
GARDEN VALLEY	S FK PAYETTE	60,000	304,000	360	12 GH NO 4	HENRY'S FK	9,500	75,000	140
BIG PINE CREEK	S FK PAYETTE	7,800	63,500	160	WARM RIVER	WARM	3,600	30,100	250
PINE FLAT	S FK PAYETTE	4,300	35,200	90	BIG AND LOWER FALLS	HENRY'S FK	17,600	139,000	270
OXBOW BEND	S FK PAYETTE	4,400	36,400	95	PALISADES	SNAKE	114,000	521,400	245
12 HG NO 13	S FK PAYETTE	3,900	32,200	100	POST FALLS	SPOKANE	10,200	55,000	55
12 HG NO 12	S FK PAYETTE	6,500	53,100	200	SPRINGSTON	COEUR D'ALENE	32,000	140,000	125
12 HG NO 11	S FK PAYETTE	4,200	34,600	130	LELAND GLEN	COEUR D'ALENE	40,800	130,000	270
12 HG NO 10	S FK PAYETTE	2,800	23,200	90	TEDDY CREEK	COEUR D'ALENE	11,000	48,600	290
12 HG NO 9	S FK PAYETTE	5,000	42,400	220	AVERY	ST JOE	29,000	117,000	280
12 HG NO 8	S FK PAYETTE	4,600	40,300	225	ALBANI FALLS	PEND OREILLE	42,600	289,000	32
ELK LAKE	S FK PAYETTE	3,700	28,000	1,000	PRIEST NO 4	PRIEST	27,300	66,000	109
CLEAR CREEK	S FK PAYETTE	3,000	22,500	730	CABINET GORGE	CLARK FK	100,000	200,000	100
WARM SPRINGS	S FK PAYETTE	2,900	22,300	660	MOYIE CANYON	MOYIE	36,000	94,200	213
LOWER SCRIVER	SCRIVER CR	90,000	411,000	820	KATKA	KOOTENAI	460,000	1,796,000	271
UPPER SCRIVER	SCRIVER CR	30,000	208,000	445	WYOMING				
LUCKY PEAK	BOISE	43,000	213,000	240	SYBILLE CREEK	LARAMIE	17,000	43,000	925
ARROW ROCK	BOISE	13,000	42,000	196	DODGE CANYON	LARAMIE	7,500	20,000	370
12 HD NO 1	BOISE	5,600	43,700	115	GUERNSEY	NORTH PLATTE	10,000	31,000	80
TWIN SPRINGS	BOISE	25,000	114,000	312	GLENDON	NORTH PLATTE	24,000	76,000	140
12 HD NO 15	N FK BOISE	7,700	63,200	307	UPPER GLENDON	NORTH PLATTE	4,000	35,000	60
12 HD NO 12	N FK BOISE	3,000	23,800	600	POISON SPIDER	NORTH PLATTE	1,400	12,000	20
ALEXANDER FLATS	M FK BOISE	2,500	19,700	162	BESSEMER BEND	NORTH PLATTE	14,000	72,000	135
12 HD NO 11	M FK BOISE	3,500	27,000	220	ALCOVA	NORTH PLATTE	36,000	124,000	160
12 HD NO 20	S FK BOISE	3,700	29,500	105	FREMONT CANYON	NORTH PLATTE	48,000	205,000	294
ANDERSON RANCH	S FK BOISE	13,500	0	323	LEWISTON	SWEETWATER	5,000	35,000	450
CASEY RANCH	S FK BOISE	3,900	32,000	145	PEDRO MOUNTAIN	NORTH PLATTE	18,000	81,000	160
12 HD NO 19	S FK BOISE	2,800	23,200	120	SEMINOE	NORTH PLATTE	10,800	33,000	214
BASCUM RESERVOIR	S FK BOISE	3,600	29,000	193	FORT STEELE	NORTH PLATTE	13,000	32,000	60
12 HD NO 18	S FK BOISE	3,300	25,500	208	JACKS CREEK	NORTH PLATTE	26,000	64,000	120
12 HD NO 16	S FK BOISE	4,400	33,600	860	ENCAMPMENT	ENCAMPMENT	4,000	16,000	220
GUFFEY	SNAKE	40,000	170,000	37	HOG PARK	ENCAMPMENT	15,000	64,000	800
DIKE	SNAKE	60,000	280,000	60	BENNETT PEAK	NORTH PLATTE	15,300	69,000	105
A BLISS	SNAKE	25,000	0	70	PARKVIEW	NORTH PLATTE	20,000	89,000	465
UPPER BLISS	SNAKE	100,000	385,000	78	GOOSE CREEK RESERVOIR	GOOSE CR	12,000	59,900	1,890
BOX CANYON SPRINGS	SNAKE	2,600	22,800	132	ROCKWOOD	TONGUE	60,000	320,000	2,920
CONE	SNAKE	80,000	350,000	150	TONGUE RIVER	TONGUE	25,000	92,000	1,200
12 GR NO 2	SNAKE	6,800	59,600	200	NORTH FORK	TONGUE	3,000	11,200	440
DRY CREEK	SNAKE	4,700	41,200	161	KANE	BIG HORN	30,000	150,000	140
EAGLE ROCK	SNAKE	23,800	167,100	47	ISHAWOODA	S FK SHOSHONE	45,000	230,000	850
AMERICAN FALLS	SNAKE	30,000	120,000	107	SOUTH FORK	S FK SHOSHONE	25,000	135,000	800
					WAPITI	N FK SHOSHONE	65,000	330,000	850

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TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
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<u>WYOMING CONT'D</u>					SMITH MOUNTAIN	SOUTH ST VRAIN CR	13,200	68,000	790
THERMOPOLIS	BIG HORN	50,000	200,000	250	ELDORA	MIDDLE BOULDER CR	8,000	17,000	510
BULL LAKE	WIND	75,000	370,000	850	MIRAMONTE	SOUTH BOULDER CR	10,600	60,000	1,000
DU NOIR	WIND	10,000	30,000	600	WONDERVU	SOUTH BOULDER CR	6,700	28,000	450
SUNLIGHT CREEK	SUNLIGHT CR	20,000	116,000	1,945	NEDERLAND 2	SOUTH BOULDER CR	2,600	11,000	175
BALD RIDGE	CLARK FK	30,000	184,000	500	NEDERLAND 1	SOUTH BOULDER CR	6,200	23,000	465
THIEF CREEK	CLARK FK	60,000	387,000	1,380	ELK	CLEAR CR	13,000	41,000	350
BEAR TOOTH LAKE	BEAR TOOTH CR	12,000	65,000	2,920	BIG HILL	CLEAR CR	18,600	75,000	650
HUNTER MOUNTAIN	CLARK FK	12,000	76,000	638	EMPIRE	CLEAR CR	28,500	87,000	845
COKEVILLE	BEAR	9,000	50,000	210	WEST EMPIRE	W FK CLEAR CR	2,900	8,000	400
BLIND CANYON	SNAKE	122,000	537,000	327	CONE MOUNTAIN	W FK CLEAR CR	4,300	12,000	625
BURNT LAKE	FALL CR	1,500	9,000	627	SILVER PLUME	CLEAR CR	4,700	15,000	845
		955,500	4,453,100		CHERRY CREEK	CHERRY CR	2,500	6,500	88
<u>COLORADO</u>					CHATFIELD	SOUTH PLATTE	1,400	4,000	107
COUNSELLOR	RIO CONEJOS	5,800	21,000	135	TURKSHEAD	SOUTH PLATTE	7,200	45,600	107
NOTCH TRAIL	RIO CONEJOS	2,800	16,400	1,200	TWO FORKS	SOUTH PLATTE	116,000	206,700	450
GERRARD	RIO GRANDE	25,000	77,600	197	RESORT CREEK	N FK SOUTH PLATTE	52,000	246,100	645
WAGON WHEEL	RIO GRANDE	50,000	157,200	305	CROSSONS	N FK SOUTH PLATTE	26,000	193,700	511
SANTA MARIA OUTLET	CLEAR CR	8,000	32,600	700	INSMONT	N FK SOUTH PLATTE	14,200	105,000	283
					SHAWNEE	N FK SOUTH PLATTE	11,400	74,300	225
SANTA MARIA INLET	CLEAR CR	1,600	6,900	200	SINGLETON	N FK SOUTH PLATTE	19,000	134,900	373
CLEAR CREEK	CLEAR CR	1,800	8,200	220	GRANT	N FK SOUTH PLATTE	20,000	128,400	379
RIO GRANDE	RIO GRANDE	6,200	26,800	454	CHEESMAN	SOUTH PLATTE	5,900	25,000	377
PUEBLO	ARKANSAS	11,000	33,000	157	SIGNAL	SOUTH PLATTE	8,500	26,000	405
SALIDA	ARKANSAS	22,700	102,400	410	BISON	TARRYALL CR	1,400	6,000	317
JOHNSON	ARKANSAS CANAL	15,000	69,400	277	TARRYALL	SOUTH PLATTE	5,300	19,000	300
PRINCETON	ARKANSAS CANAL	11,700	68,500	281	ELEVEN MILE	SOUTH PLATTE	3,200	10,000	284
WAPACOE	ARKANSAS CANAL	16,500	125,900	499	ANIMAS GORGE	ANIMAS	13,500	118,000	625
GRANITE	CLEAR CR	19,200	66,800	295	LIME CREEK	ANIMAS	70,000	294,000	1,155
ELBERT	ARKANSAS CANAL	8,700	39,000	520	HOWARDVILLE	ANIMAS	12,000	51,600	542
CANYON	CACHE LA POUDRE	19,800	117,000	645	EMERALD LAKES	LOS PINOS	26,000	107,800	1,973
ELKHORN	CACHE LA POUDRE	27,400	168,000	825	TURKEY CREEK	SAN JUAN	2,500	16,000	300
BEAVER	CACHE LA POUDRE	2,400	10,000	328	RANGELY	WHITE	6,300	55,000	180
BENNETT CREEK	CACHE LA POUDRE	23,800	147,000	760	ECHO PARK	GREEN	200,000	717,000	520
SHEEP CREEK	CACHE LA POUDRE	13,500	89,000	675	LILY PARK	YAMPA	7,500	39,000	70
POUDRE	CACHE LA POUDRE	12,600	77,000	675	SLATER FALLS	SLATER FK	7,500	43,000	454
CASCADE	CACHE LA POUDRE	15,100	46,000	690	CROSS MOUNTAIN	YAMPA	60,000	330,000	440
HALLIGAN	CACHE LA POUDRE	4,800	15,000	333	HORSEFLY CREEK	SAN MIGUEL	2,700	23,300	406
BIG THOMPSON	BIG THOMPSON	6,700	10,000	185	MCKENZIE CREEK	SAN MIGUEL	3,200	24,000	426
FLATIRON	COTTONWOOD CR	63,000	241,000	1,100	SAWPIT	SAN MIGUEL	3,400	25,000	490
POLE HILL	DIVERSION CANAL	33,300	219,000	840	JRIDGEPORT	GUNNISON	48,000	249,000	240
MORaine	BIG THOMPSON	3,400	17,000	450	OURAY NO 3	UNCOMPAGHRE	4,000	25,000	475
FALL RIVER	FALL	2,000	10,000	700	OURAY NO 2	UNCOMPAGHRE	5,000	28,600	750
COOK MOUNTAIN	NORTH ST VRAIN CR	21,000	64,000	760	OURAY NO 1	UNCOMPAGHRE	7,000	36,800	1,130
BUCK GULCH	NORTH ST VRAIN CR	20,200	62,000	785					

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COLORADO CONT'D					WILLOW CREEK NO 1	WILLOW CR	5,700	24,000	90
BLACK CANYON	GUNNISON	90,000	506,000	1,070	HOOKER	GILA	3,000	8,000	250
CRYSTAL	GUNNISON	48,000	244,000	300	NAVAJO	SAN JUAN	30,000	41,000	325
BLUE MESA	GUNNISON	54,000	300,000	470	ARIZONA				
GATEVIEW	LAKE FK	4,200	32,000	330	HORSE SHOE	VERDE	10,000	40,000	176
LAKE FORK	LAKE FK	7,500	40,700	380	LIVINGSTON	SALT	11,500	72,000	150
ALMONT	TAYLOR	4,800	39,400	300	GLEASON FLAT	SALT	43,500	279,000	625
SPRING CREEK	TAYLOR	7,000	56,500	440	MULE HOOF	SALT	13,500	75,000	200
CRYSTAL CREEK	TAYLOR	7,200	63,000	315	WALNUT CANYON	SALT	25,200	136,000	375
CAMEO	COLBRAN PIPELINE	2,400	21,000	2,250	KNOB	SALT	28,500	136,000	440
MOLINA	COLBRAN PIPELINE	5,000	38,000	2,721	BUTTES	GILA	6,000	35,000	165
ELECTRA	MEADOW CR	4,700	41,000	1,700	HEADGATE ROCK	COLORADO	26,000	135,400	23
CARDIFF	ROARING FK	4,100	31,000	94	ALAMO	WILLIAMS	4,500	12,600	235
RED CANYON	ROARING FK	4,700	36,000	103	BRIDGE CANYON	COLORADO	1,200,000	4,572,000	656
CRYSTAL RIVER	ROARING FK	6,300	48,000	149	KANAB CREEK	COLORADO	1,100,000	7,379,000	1,260
CARBONDALE	ROARING FK	6,200	47,500	202	MARBLE CANYON	COLORADO	22,000	171,000	275
EMMA	ROARING FK	6,500	50,000	222	GLEN CANYON	COLORADO	800,000	3,476,000	560
BASALT	ROARING FK	3,700	28,000	132	UTAH				
SNOWMASS CREEK	ROARING FK	4,500	36,000	248	UPPER LOGAN	LOGAN	6,200	47,500	800
WOODY CREEK	ROARING FK	6,400	51,000	450	WANSHIP	S FK OGDEN	1,400	5,700	108
CASTLE CREEK	ROARING FK	4,200	34,000	425	GATEWAY	WEBER	4,000	16,000	136
ASPEN	ROARING FK	2,500	21,500	405	ALTA TUNNEL	COTTONWOOD CR	5,000	15,500	650
LINCOLN GULCH	ROARING FK	2,800	21,500	1,490	DEER CREEK	PROVO	5,000	21,000	141
GLENWOOD SPRINGS	COLORADO	22,000	181,000	205	CASTILLA	DIAMOND CR	6,000	49,000	415
GYPSUM CREEK	EAGLE	4,400	32,000	243	TANNER	DIAMOND CR	26,000	121,000	232
BRUSH CREEK	EAGLE	2,800	20,000	220	HAMMOCK	FIFTH WATER	160,000	789,000	1,532
GORE CANYON	COLORADO	20,000	97,700	363	FIFTH WATER	FIFTH WATER	30,000	120,000	378
ACORN CREEK	BLUE	2,700	20,500	235	OLD WEST	SIXTH WATER	9,000	47,000	378
NEW MEXICO					WARNER VALLEY	VIRGIN	5,400	25,000	480
PACHECO BLUFF	PECOS	3,000	10,000	101	BENCH LAKE	DIXIE CANAL	2,200	11,000	120
ALAMOGORDO	PECOS	7,000	17,000	140	VIRGIN	DIXIE CANAL	5,600	26,000	261
CABALLO	RIO GRANDE	10,000	24,000	74	SLICK HORN CANYON	SAN JUAN	62,000	272,000	208
WHITE ROCK	RIO GRANDE	30,000	160,000	210	GOOSENECKS	SAN JUAN	51,000	225,000	177
CHAMITA	RIO CHAMA	15,000	75,000	195	BLUFF	SAN JUAN	85,000	458,000	354
ABIQUIU	RIO CHAMA	22,500	120,000	210	MEXICAN BEND	SAN RAFAEL	7,400	38,800	245
PLANT NO 3	RIO CHAMA	15,000	71,000	130	BLACK BOX	SAN RAFAEL	18,000	93,700	600
PLANT NO 2	RIO CHAMA	15,000	69,000	130	COTTONWOOD	COTTONWOOD CR	7,000	24,500	780
PLANT NO 1	RIO CHAMA	15,000	67,000	130	GRAY CANYON	GREEN	210,000	945,000	440
EL VADO	RIO CHAMA	15,000	85,000	176	UPPER WHITEROCKS	WHITEROCK CR	7,300	55,000	1,200
WILLOW CREEK NO 4	WILLOW CR	11,500	78,000	210	UINTA RIVER	UINTA	9,600	74,900	1,500
WILLOW CREEK NO 3	WILLOW CR	8,000	58,000	151	MOON LAKE	LAKE FK	4,000	19,000	355
WILLOW CREEK NO 2	WILLOW CR	3,300	14,000	50	UPPER WEST FORK	LAKE FK	4,600	34,700	800
					YELLOWSTONE	YELLOWSTONE CR	14,000	55,000	1,200

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>UTAH CONT'D</u>					A	ROSS	SKAGIT	270,000	520
ROCK CREEK	ROCK CR	7,500	54,000	1,200		JORDEN	S FK STILLAQUAMISH	6,800	117
SPLIT MOUNTAIN	GREEN	100,000	436,000	315		GRANITE FALLS	S FK STILLAQUAMISH	17,500	255
ASHLEY	GREEN	72,000	337,000	435		ROBE	S FK STILLAQUAMISH	30,000	480
MOAB	COLORADO	110,000	481,000	138		TYREE	S FK STILLAQUAMISH	15,000	290
DEWEY	COLORADO	180,000	797,000	325		OSO	N FK STILLAQUAMISH	15,800	136
		1,215,200	5,694,300			DEER CREEK	N FK STILLAQUAMISH	50,000	886
<u>NEVADA</u>						SULTAN	SULTAN	110,000	850
MYSTIC	TRUCKEE	28,000	112,000	595		WALLACE LAKE	E FK WALLACE	22,000	1,255
HOOVER	COLORADO	82,500	0	530		SUNSET FALLS	SKYKOMISH	84,500	520
		110,500	112,000			MILLER FORKS	MILLER CR	4,500	310
<u>MOUNTAIN TOTAL</u>						EAST FORK MILLER	E FK MILLER CR	4,900	770
		21,894,700	95,277,300			LAKE DOROTHY	E FK MILLER CR	3,500	1,070
						UPPER SOUTH FORKS	SKYKOMISH	8,100	120
						TONGA	FOSS	7,600	495
<u>PACIFIC</u>						ALTURAS LAKE	E FK FOSS	5,000	440
<u>WASHINGTON</u>						BECKLER	BECKLER	13,700	535
HOOKSACK FALLS	HOOKSACK	33,000	205,000	750		TROUT CREEK	TROUT CR	2,300	850
SKOOKUM CREEK	HOOKSACK	20,300	158,600	560		GIDDINGS CREEK	N FK SKYKOMISH	13,500	450
WHATCOM CREEK NO 2	WHATCOM CR	2,400	19,200	40		TROUBLESOME NO 2	TROUBLESOME CR	3,100	750
WHATCOM CREEK NO 1	WHATCOM CR	14,400	115,200	250		TROUBLESOME NO 1	TROUBLESOME CR	3,600	2,130
LYMAN	SKAGIT	65,000	371,400	770		UPPER FALLS	S FK SNOQUALMIE	8,500	500
THE DALLES	SKAGIT	42,000	277,200	31		MOUNT SI	M FK SNOQUALMIE	46,800	511
BAKER RIVER	BAKER	28,800	186,000	259		LOWER NORTH FORK	N FK SNOQUALMIE	34,000	525
UPPER BAKER	BAKER	50,600	301,500	269		CALLIGAN CREEK	N FK SNOQUALMIE	22,300	465
LOWER SAUK	SAUK	70,000	430,100	218		SNOQUALMIE FALLS	SNOQUALMIE	35,100	270
UPPER SAUK	DAN CR	45,000	350,400	605	A	WHITE RIVER	WHITE	38,000	487
NORTH FORK SAUK	N FK SAUK	29,000	212,000	845		MUD MOUNTAIN	WHITE	50,000	505
SLOAN CREEK	N FK SAUK	9,500	67,000	400		TWIN CREEK	WHITE	15,000	530
LOWER WHITECHUCK	WHITECHUCK	14,700	104,200	795		WEST FORK MOUTH	W FK WHITE	4,800	560
UPPER WHITECHUCK	WHITECHUCK	14,300	100,700	1,200		HUCKLEBERRY	WHITE	3,500	195
LOWER SUIATTLE	SUIATTLE	31,000	241,800	505		EAST FORK RAINIER	E FK WHITE	4,900	360
BUCK CREEK NO 1A	BUCK CR	12,000	76,600	1,200		CARBON NO 3	CARBON	9,000	480
BUCK CREEK NO 1	SUIATTLE	19,900	153,300	380		CARBON NO 2	CARBON	9,000	470
DOWNEY CREEK NO 1	SUIATTLE	12,200	92,800	385		CARBON NO 1	CARBON	10,100	705
DOWNEY CREEK NO 1A	SULPHUR CR	24,100	156,800	1,115		ORTING	PUYALLUP	14,000	442
UPPER SUIATTLE	SUIATTLE	18,400	140,200	625		MOWICH NO 1A	PUYALLUP	4,500	575
ILLABOT CREEK	ILLABOT CR	13,500	96,400	1,000		MOWICH NO 1	MOWICH	7,200	815
CASCADE	CASCADE	50,000	320,000	610		CENTRALIA	NISQUALLY	11,000	208
COUNTY LINE	SKAGIT	90,000	414,300	115		TR NISQUALLY	NISQUALLY	6,800	87
GORGE	SKAGIT	18,600	0	292		PARK JUNCTION NO 2	NISQUALLY	3,900	115
DIABLO	SKAGIT	120,000	168,200	330		PARK JUNCTION NO 1	NISQUALLY	9,600	550
THUNDER CREEK	THUNDER CR	13,000	98,000	640		TUNNEL CREEK	QUILCENE	5,800	944
						CHANDLER	DOSEWALLIPS	5,500	170

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TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
WASHINGTON CONT'D					CASTLE ROCK	COWLITZ	260,000	1,000,000	200
NAMELESS	DOSEWALLIPS	6,100	43,400	330	KID VALLEY	TOUTLE	94,000	350,000	475
JUMP OFF	DOSEWALLIPS	15,000	78,800	620	UPPER GREEN	GREEN	5,000	21,900	250
INTEROREM	DUCKABUSH	5,900	44,400	300	ELK CREEK	TOUTLE	10,000	72,700	500
CLIFF CREEK	DUCKABUSH	6,600	45,600	400	COLDWATER CREEK	TOUTLE	8,200	61,000	600
HIGHCLIFFS	DUCKABUSH	7,800	54,200	572	SPIRIT LAKE	TOUTLE	4,800	41,600	1,124
HAMMA NO 1	HAMMA HAMMA	12,000	89,300	504	MAYFIELD	COWLITZ	160,000	545,000	185
STAIRCASE	SKOKOMISH	5,200	35,200	275	TILTON	TILTON	33,000	128,000	385
SEVEN STREAMS	SKOKOMISH	6,000	41,000	490	MOSSYROCK	COWLITZ	300,000	855,000	325
12 PM NO 24	DUNGNESS	2,600	13,100	160	COWLITZ FALLS	COWLITZ	210,000	797,000	330
12 PM NO 23	DUNGNESS	5,800	29,100	334	GREENHORN CREEK	CISPUS	47,000	190,000	285
FORKS	DUNGNESS	5,000	36,600	294	MUDDY FORK	CISPUS	80,000	287,300	1,450
GREY WOLF	DUNGNESS	3,600	27,000	512	WALUPT LAKE	CISPUS	8,000	30,700	600
GOLD CREEK	DUNGNESS	2,800	20,500	358	PACKWOOD LAKE	LAKE CR	20,000	90,000	887
UPPER DUNGNESS	DUNGNESS	4,600	33,600	954	SILVER FALLS	OHANAPECOSH	23,200	184,400	930
TAILWATER	ELWHA	7,200	56,600	82	MERWIN	LEWIS	90,000	0	185
MCDONALD	ELWHA	17,000	136,000	225	YALE	LEWIS	216,000	550,000	250
GEYSER BASIN	ELWHA	10,000	79,800	190	SWIFT CREEK	SWIFT CR	7,000	48,300	810
WINDFALL CREEK	ELWHA	11,400	91,200	290	SWIFT	LEWIS	50,000	337,000	345
LITTLE LOST	ELWHA	10,500	84,200	290	PINE CREEK	PINE CR	2,700	18,300	470
PRESS VALLEY	ELWHA	5,700	46,800	220	MUDDY	LEWIS	35,000	260,000	365
GODMAN CREEK	ELWHA	2,400	17,400	230	CLEARWATER CREEK	MUDDY	6,500	49,400	330
DELABARRE CREEK	ELWHA	1,500	10,700	282	PARADISE FALLS	CLEARWATER CR	17,000	67,500	920
LOWER LYRE	LYRE	11,900	100,300	290	CLEAR CREEK	CLEAR CR	5,800	39,000	750
LAKE CRESCENT	LYRE	12,500	105,400	297	RUSH CREEK	RUSH CR	4,300	30,000	1,250
FAIRHOLM	SOLEDUCK	17,700	119,000	481	BIG MEADOW	BIG CR	14,400	126,000	2,110
LOG JAM	HOH	22,000	191,500	150	CASCADE GORGE	LEWIS	22,000	99,000	285
OXBOW	HOH	24,000	211,500	170	QUARTZ CREEK	LEWIS	12,700	92,300	415
BENDS	S FK HOH	5,200	38,800	240	STEAMBOAT CREEK	LEWIS	9,500	73,500	550
FORDS	S FK HOH	3,000	21,800	125	ROCK HATCH	LIT WHITE SALMON	12,700	85,800	515
SLATE CREEK	S FK HOH	13,500	100,100	1,300	ROCK CREEK	LIT WHITE SALMON	14,200	94,000	645
SPRUCE CREEK	HOH	4,600	34,000	70	ELEVATION 295	WHITE SALMON	3,200	25,100	65
TWIN CREEK	HOH	8,200	60,800	200	HUSUM BRIDGE	WHITE SALMON	12,900	99,400	290
MINERAL CREEK	HOH	4,600	33,900	150	GILMER CREEK	WHITE SALMON	14,700	111,700	420
GLIDE CREEK	HOH	8,500	62,900	380	FOOT OF FALLS	WHITE SALMON	18,200	138,100	550
LOWER QUEETS	QUEETS	17,000	74,500	68	SPLASH DAM	WHITE SALMON	6,000	45,900	270
UPPER QUEETS	QUEETS	10,000	43,800	803	TROUT CREEK	WHITE SALMON	2,600	20,800	310
QUINAULT LAKE	QUINAULT	13,800	99,500	95	FOOT OF RAPIDS	KLICKITAT	4,600	35,300	75
SOUTH FORK	QUINAULT	15,400	104,000	190	HEAD BOX CANON	KLICKITAT	15,200	116,400	295
RUSTLER RIVER	QUINAULT	13,100	88,900	300	WRIGHT	KLICKITAT	5,500	41,900	120
LOWER CANYON	WYNDOOCHEE	9,100	76,400	164	LITTLE KLICKITAT	KLICKITAT	12,000	92,000	290
SAVE CREEK	WYNDOOCHEE	5,700	47,300	152	ALVORDS BRIDGE	KLICKITAT	12,300	94,400	300
WEATHERWAX	WYNDOOCHEE	12,000	100,000	284	OUTLET CREEK	KLICKITAT	30,700	236,400	827
NORTH RIVER	NORTH	20,000	87,600	112	BIG MUDDY	KLICKITAT	15,500	119,300	563

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TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
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DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
WASHINGTON CONT'D					EIGHTMILE CREEK	ICICLE CR	8,300	58,700	585
MIDDLE BIG MUDDY	BIG MUDDY CR	8,200	56,400	968	TROUT CREEK	ICICLE CR	2,300	16,600	235
WEST FORK	W FK KLICKITAT	3,800	30,000	467	ABOVE ELEV 1110	WENATCHEE	27,400	234,800	175
WEST FORK	KLICKITAT	2,800	21,900	170	GREAT NORTHERN	WENATCHEE	27,800	239,100	179
CASTILE FORD	KLICKITAT	3,800	29,500	280	CHIWAUKUM	WENATCHEE	20,300	175,000	135
MCCREEDY CREEK	KLICKITAT	3,100	23,700	335	PLAIN	WENATCHEE	63,000	245,300	200
THE DALLES	COLUMBIA	1,500,000	7,450,000	88	CHIWAUA	CHIWAUA	57,000	175,000	660
JOHN DAY	COLUMBIA	1,530,000	8,050,000	95	WENATCHEE	LITTLE WENATCHEE	2,200	15,700	150
ICE HARBOR	SNAKE	325,000	2,000,000	100	WHITE RIVER	WHITE	4,500	32,000	355
LITTLE MONUMENTAL	SNAKE	300,000	1,850,000	93	ROCKY REACH	COLUMBIA	910,000	4,967,000	93
LITTLE GOOSE	SNAKE	325,000	2,015,000	100	ENTIAI DIVERSION	ENTIAI	3,600	27,200	358
LOWER GRANITE	SNAKE	275,000	1,630,000	82	MAD CREEK	ENTIAI	2,100	15,700	270
NARROWS	GRANDE RONDE	49,000	210,200	150	CHELAN	CHELAN	48,000	133,000	409
RAYS FERRY	GRANDE RONDE	106,000	464,300	379	RAILROAD CREEK	RAILROAD CR	7,800	65,700	1,155
CHANDLER	YAKIMA	12,000	50,000	118	STEHEKIN	STEHEKIN	14,800	100,700	405
LOWER WAPATO	SIMCOE CR	25,000	103,000	613	AGNES CREEK	STEHEKIN	14,700	100,700	555
UPPER WAPATO	SIMCOE CR	41,600	167,000	1,000	WELLS	COLUMBIA	588,000	3,487,000	64
TIETON DIVERSION	TIETON	12,700	56,000	441	MC LAUGHLIN FALLS	OKANOGAN	2,200	15,800	24
BELOW ELEV 1765	NACHES	7,300	61,000	145	BELOW ELEV 964	SIMILKAMEEN	2,800	21,000	54
RATTLE SNAKE CREEK	NACHES	10,000	84,000	207	SIMILKAMEEN	SIMILKAMEEN	84,000	230,000	244
ELEV 2265	NACHES	14,000	118,000	293	CHIEF JOSEPH	COLUMBIA	1,728,000	8,681,000	175
BUMPING RIVER	NACHES	12,200	104,000	275	LITTLE FALLS	SPOKANE	4,400	27,000	78
BELOW AMERICAN RIVER	BUMPING	6,200	53,500	177	LONG LAKE	SPOKANE	13,500	80,000	169
ELEV 3165	BUMPING	7,000	61,000	448	NINEMILE	SPOKANE	16,500	79,000	61
BELOW PLEASANT VALLEY	AMERICAN	10,700	93,700	662	BOWL AND PITCHER	SPOKANE	60,000	289,000	85
NACHES MEADOWS	NACHES	2,700	23,400	557	MONROE STREET	SPOKANE	23,800	144,000	72
ROZA CANAL	YAKIMA	10,000	72,000	160	UPPER FALLS	SPOKANE	16,000	89,000	60
TEANAWAY DAM	YAKIMA	16,000	59,000	80	WATER WORKS	SPOKANE	9,300	57,000	33
BELOW BIG SALMON	CLE ELUM	4,100	35,000	138	CROSSING	SPOKANE	8,800	69,200	45
ELEV 2545	CLE ELUM	4,600	39,400	155	ORIENT	KETTLE	35,000	131,400	180
COOPER LAKE DIVERSION	W FK CLE ELUM	3,000	26,400	318	CURLEW	KETTLE	9,000	35,000	150
WAPTUS LAKE DIVERSION	M FK CLE ELUM	3,000	26,700	467	LOWER BIG SHEEP	BIG SHEEP CR	3,800	33,100	520
FISH LAKE DIVERSION	N FK CLE ELUM	5,900	51,800	845	UPPER BIG SHEEP	BIG SHEEP CR	1,800	14,900	302
RICHLAND	COLUMBIA	515,000	2,716,000	64	BOUNDARY	PEND OREILLE	1,200,000	3,500,000	268
PRIEST RAPIDS	COLUMBIA	1,590,000	8,785,000	150	BOX CANYON	PEND OREILLE	60,000	248,000	41
ROCK ISLAND	COLUMBIA	67,500	656,000	52	OREGON		16,246,100	82,306,200	
ELEV 612	WENATCHEE	12,400	103,400	83	CLEAR CREEK	CLACKAMAS	16,000	72,900	40
ABOVE ELEV 695	WENATCHEE	31,900	267,200	210	LOWER CLACKAMAS	CLACKAMAS	72,000	331,000	180
DRYDEN POWER PLANT	WENATCHEE	8,000	70,500	62	CAZADERO	CLACKAMAS	0	29,000	133
PESHASTIN CREEK	PESHASTIN CR	2,400	16,600	575	CLIFF	CLACKAMAS	108,000	510,700	480
BELOW ELEV 1110	WENATCHEE	24,400	206,700	143	OAK GROVE	CLACKAMAS	25,500	20,000	925
ABOVE ELEV 1110	ICICLE CR	5,300	37,700	286	NOWHERE MEADOW	CLACKAMAS	28,000	177,800	240
8 MILE FLAT DIVERSION	ICICLE CR	13,500	96,200	704	TIMOTHY MEADOW	OAK GROVE FK	30,000	167,300	1,210

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OREGON CONT'D					BELKNAP	MCKENZIE	35,000	229,000	385
BIG BOTTOM	CLACKAMAS	20,000	83,200	340	DEER CREEK	MCKENZIE	9,000	71,000	170
SCOTTS MILLS	BUTTE CR	3,100	19,500	650	SMITH RIVER	MCKENZIE	9,000	79,000	300
CAMP CREEK	ABIQUA CR	3,600	22,600	500	LOWER FALLS	MCKENZIE	11,300	90,200	270
HEADWATERS	ABIQUA CR	2,400	15,100	800	MIDDLE FALLS	MCKENZIE	4,400	35,100	150
SILVERTON	SILVER CR	3,800	24,100	800	UPPER FALLS	MCKENZIE	5,600	44,900	250
PELKEY	MOLALLA	4,700	34,600	260	DEXTER	M FK WILLAMETTE	15,000	80,000	56
HEADWATERS	MOLALLA	5,300	33,400	475	LOOKOUT POINT	M FK WILLAMETTE	114,000	286,000	233
ALBANY SITES	SOUTH SANTIAM	11,000	89,600	175	MILE 67	NORTH FK	26,000	99,500	300
WATERLOO DIVERSION	SOUTH SANTIAM	3,800	30,000	65	NORTH FORK NO 2	NORTH FK	3,000	22,000	150
MCDOWELL CREEK	SOUTH SANTIAM	2,700	22,000	50	NORTH FORK NO 1	NORTH FK	18,500	103,000	580
FOSTER DIVERSION	SOUTH SANTIAM	7,600	61,800	100	SALMON CREEK	SALMON CR	30,000	162,000	1,020
WHITE BRIDGE	MIDDLE SANTIAM	15,000	66,000	93	WALDO LAKE	BLACK CR	21,000	29,000	1,960
GREEN PETER	MIDDLE SANTIAM	81,000	212,000	321	HILLS CREEK	M FK WILLAMETTE	20,000	110,000	275
BEAR CREEK	MIDDLE SANTIAM	11,700	73,600	800	MILE 56	MIDDLE FK	6,800	48,000	215
ROBERTS DIVERSION	QUARTZVILLE CR	3,700	23,300	200	BOULDER CREEK	MIDDLE FK	7,000	48,200	370
PACKERS GULCH	QUARTZVILLE CR	8,600	54,200	600	STALEY CREEK	MIDDLE FK	6,500	45,600	390
JUNCTION DIVERSION	SOUTH SANTIAM	3,100	23,200	126	SWIFT CREEK	MIDDLE FK	7,000	42,200	800
CASCADIA	SOUTH SANTIAM	15,000	70,000	258	ROCKY POINT	ROW	4,500	33,200	175
PATTERSON	SOUTH SANTIAM	2,900	22,800	164	MARMOT	SANDY	33,500	231,900	600
MEHAMA DIVERSION	NORTH SANTIAM	40,000	208,500	207	WELCHES	SALMON	9,800	63,800	350
MILL CITY	NORTH SANTIAM	42,000	207,000	219	LINNEY	SALMON	18,600	123,900	820
BIG CLIFF	NORTH SANTIAM	18,000	104,000	97	MEADOWS	SALMON	5,200	33,400	420
DETROIT	NORTH SANTIAM	100,000	340,000	377	U BONNEVILLE	COLUMBIA	0	200,000	66
BYARS CREEK	BREITENBUSH	11,000	63,000	250	MOODY	DESCHUTES	64,000	377,000	132
TUNNEL	NORTH SANTIAM	25,000	106,000	290	LOCKIT	DESCHUTES	34,000	201,500	70
MINTO	NORTH SANTIAM	18,000	72,900	250	RECLAMATION	DESCHUTES	46,000	271,600	95
MARION LAKE	MARION CR	22,000	154,100	1,500	SINAMOX	DESCHUTES	43,000	254,000	90
HAYDEN BRIDGE	MC KENZIE	9,000	73,600	90	OAK BROOK	DESCHUTES	31,000	184,000	65
DEERHORN	MC KENZIE	4,000	32,400	44	SHERAR FALLS	DESCHUTES	36,000	210,000	75
VIDA	MCKENZIE	30,000	240,000	200	OAK SPRINGS	DESCHUTES	13,000	79,000	35
QUARTZ CREEK	MCKENZIE	18,000	142,000	80	MAUPIN	DESCHUTES	48,000	280,000	120
BLUE RIVER	BLUE	16,000	71,000	330	FRIEDA	DESCHUTES	58,000	341,600	145
LOWER COUGAR	MCKENZIE	30,000	236,500	228	WHITE HORSE	DESCHUTES	38,500	285,600	138
COUGAR	S FK MCKENZIE	25,000	122,000	418	PELTON	DESCHUTES	108,000	375,000	152
HARDY CREEK	S FK MCKENZIE	3,300	28,900	290	ROUND BUTTE	DESCHUTES	225,000	700,000	285
AUGUSTA CREEK	S FK MCKENZIE	4,900	42,700	430	WHITE WATER	METOLIUS	20,600	153,300	260
MCKENZIE BRIDGE	MCKENZIE	10,000	78,800	85	JEFFERSON	METOLIUS	26,500	197,100	400
HORSE CREEK	HORSE CR	5,300	46,400	330	JACKS CREEK	METOLIUS	11,900	88,500	300
FOLEY SPRINGS	HORSE CR	4,900	42,900	280	MCNARY	COLUMBIA	980,000	7,000,000	85
RAINBOW CREEK	SEPARATION CR	8,700	76,200	720	TROY RESERVOIR	GRANDE RONDE	102,300	446,800	410
HARVEY CREEK	SEPARATION CR	7,000	61,000	850	BEAVER CREEK	WENAH	9,800	68,700	1,366
THREE SISTERS	SEPARATION CR	9,100	79,700	1,350	THE FORKS	WENAH	2,900	21,500	1,000
					ELBOW CREEK	GRANDE RONDE	56,000	245,300	302

SEE FOOTNOTES AT END OF TABLE

TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
OREGON CONT'D					WOLF CREEK	UMPQUA	37,000	298,000	145
RONDOWA	GRANDE RONDE	76,000	332,900	420	WINCHESTER	NORTH UMPQUA	13,400	89,000	80
LITTLE MINAM	MINAM	5,600	43,600	590	OAK CREEK	NORTH UMPQUA	11,300	86,500	70
NORTH MINAM	MINAM	4,800	36,800	950	HORSESHOE BEND	NORTH UMPQUA	14,000	98,300	90
LITTLE INDIAN	INDIAN CR	2,700	9,000	616	GLIDE	NORTH UMPQUA	9,000	62,200	60
LOWER GRANDE RONDE	GRANDE RONDE	3,900	12,000	136	ROCK CREEK	NORTH UMPQUA	51,000	263,000	221
S NEZ PERCE	Snake	875,000	3,400,000	615	BOUNDARY	NORTH UMPQUA	44,000	216,000	187
THE RAPIDS	INNAHA	5,700	39,300	950	STEAMBOAT	NORTH UMPQUA	16,300	113,000	190
S HELLS CANYON	Snake	450,000	1,600,000	602	COPELAND DIVERSION	NORTH UMPQUA	24,300	175,000	290
COVERDALE	MCGRAW CR	34,000	201,500	2,300	CLEARWATER NO 2	CLEARWATER	26,000	87,600	750
MASON	POWDER	3,000	6,000	120	CLEARWATER NO 1	CLEARWATER	15,000	51,700	661
STONEHILL	NEHALEM	17,000	74,000	45	BRIDGE DIVERSION	NORTH UMPQUA	6,000	45,000	145
NEHALEM FALLS	NEHALEM	125,000	547,000	330	LEMULO NO 2	NORTH UMPQUA	35,000	162,000	750
ELSIE	NEHALEM	32,000	140,000	205	LEMULO NO 1	LOAFER CR	25,000	164,000	775
12 RA NO 41	WILSON	2,800	18,100	80	LAKE CREEK NO 3	LAKE CR	3,600	9,800	325
12 RA NO 40	WILSON	3,600	23,700	110	LAKE CREEK NO 1	LAKE CR	5,000	13,000	480
12 RA NO 39	WILSON	4,200	27,400	145	ROSEBURG	SOUTH UMPQUA	3,000	22,000	50
12 RA NO 38	WILSON	3,300	21,400	165	DILLARD	SOUTH UMPQUA	3,600	26,600	60
12 RA NO 37	WILSON	4,200	27,400	380	RUCKLES	SOUTH UMPQUA	2,800	21,000	50
12 RA NO 20	TRASK	2,500	19,300	90	MYRTLE CREEK	SOUTH UMPQUA	3,900	28,000	70
12 RA NO 19	TRASK	4,500	29,800	190	RIDDLE DIVERSION	SOUTH UMPQUA	5,800	44,000	125
12 RA NO 23	TRASK	1,500	9,900	110	DAYS CREEK	SOUTH UMPQUA	4,900	24,100	100
12 RA NO 22	TRASK	2,500	16,800	260	PERDUE	SOUTH UMPQUA	4,600	20,800	100
12 RA NO 21	TRASK	3,000	19,800	900	COFFEE CREEK	SOUTH UMPQUA	3,100	20,000	80
12 RA NO 29	NESTUCCA	3,400	23,600	170	TILLER DIVERSION	SOUTH UMPQUA	6,200	39,800	160
12 RA NO 28	NESTUCCA	2,400	17,700	210	DEADMAN CREEK	SOUTH UMPQUA	3,100	21,000	175
12 RA NO 27	NESTUCCA	4,300	33,200	520	12 RC NO 7	N FK COQUILLE	4,500	39,400	180
12 RA NO 26	NESTUCCA	1,500	13,100	870	12 RC NO 6A	E FK COQUILLE	7,400	64,600	400
EUCHRE CREEK	SILETZ	14,200	117,000	255	12 RC NO 5	M FK COQUILLE	4,600	40,300	720
SUNSHINE CREEK	SILETZ	20,800	150,000	345	12 RC NO 3	S FK COQUILLE	2,700	20,200	210
FALLS	SILETZ	12,700	75,300	300	12 RC NO 1	S FK COQUILLE	11,500	101,100	1,720
VALSETZ	S FK SILETZ	1,900	13,100	235	COPPER CANYON	ROGUE	300,000	1,141,800	450
12 RA NO 6	SIUSLAW	10,000	42,000	70	BALD MOUNTAIN	ILLINOIS	24,000	116,200	200
TRIANGLE LAKE	LAKE CR	5,000	35,000	280	CLEAR CREEK	ILLINOIS	50,700	278,500	490
12 RA NO 5	SIUSLAW	22,000	103,000	180	KERBY	ILLINOIS	9,400	51,000	180
12 RA NO 4	SIUSLAW	15,000	67,600	135	RAMEY FALLS	ROGUE	100,000	429,700	300
12 RA NO 3	SIUSLAW	8,000	34,300	135	AMENT	ROGUE	4,800	28,000	30
12 RB NO 3	SMITH	3,000	13,000	130	ROCK POINT	ROGUE	2,900	17,100	18
12 RB NO 1	SMITH	5,400	23,600	320	GOLD HILL	ROGUE	10,500	61,700	65
LOON LAKE DIVERSION	MILL CR	6,500	55,900	385	REESE CREEK	ROGUE	6,700	46,600	120
SCOTTSBURG	UMPQUA	38,100	290,000	100	LEWIS CREEK	ROGUE	34,400	152,000	242
KELLEYS SMITHFERRY	UMPQUA	30,800	235,600	85	MCCNEIL CREEK	BUTTE CR	3,600	30,400	360
KELLOGG	UMPQUA	23,500	196,000	70	CASCADE CREEK	ROGUE	15,300	90,600	230
					PROJECT NO 2	ROGUE	16,000	58,400	606

SEE FOOTNOTES AT END OF TABLE

TABLE 11. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
<u>OREGON CONT'D</u>					FORKS NORTH FORK	SALMON	7,500	82,000	755
RITER CREEK	ROGUE	9,600	58,800	200	ISHI PISHI	KLAMATH	110,000	722,000	266
TOP CREEK	ROGUE	6,800	41,300	140	DILLON	KLAMATH	60,000	405,000	135
UNION CREEK	ROGUE	12,000	73,700	280	CRAWFORD	KLAMATH	80,000	508,000	225
CASTLE CREEK	ROGUE	8,500	52,500	200	BIG BEND	KLAMATH	100,000	580,000	438
SALT CAVES	KLAMATH	70,000	367,000	425	HAMBURG	KLAMATH	60,000	416,000	288
BIG BEND NO 3	KLAMATH	22,000	110,000	130	SCOTT VALLEY	KLAMATH	25,000	160,500	894
BIG BEND NO 2	KLAMATH	50,000	256,000	298	CLYBURN	KLAMATH	45,000	290,000	224
BIG BEND NO 1	KLAMATH	27,000	142,000	165	IRON GATE	KLAMATH	9,000	64,000	85
KENO	KLAMATH	48,000	250,000	291	WARM SPRINGS	KLAMATH	30,000	123,000	150
<u>CALIFORNIA</u>					ESSEX	MAD	3,000	21,400	70
STAMPEDE	LITTLE TRUCKEE	4,000	20,000	319	CANYON CREEK	MAD	6,000	20,600	150
INDEPENDENCE	LITTLE TRUCKEE	6,000	20,000	950	BUTLER VALLEY	MAD	4,000	19,000	95
PROSSER	TRUCKEE	5,000	33,000	300	GOLD ROCK	MAD	6,000	18,000	290
DIAMOND VALLEY	W FK CARSON	8,600	48,000	350	BIG BEND	MAD	30,000	151,000	1,380
WOODFORDS	W FK CARSON	40,000	204,000	1,800	RUTH	MAD	3,000	10,200	145
ANTELOPE VALLEY	WEST WALKER	21,000	140,000	1,000	BRIDGEVILLE	VAN DUZEN	28,400	138,600	1,265
CHRIS FLAT	WEST WALKER	6,400	42,000	355	FORKS	VAN DUZEN	12,700	58,800	564
LEAVITT MEADOW	WEST WALKER	4,200	22,000	347	EEL	S FK EEL	11,900	104,000	45
PINE CREEK	PINE CR	9,000	50,000	2,290	TUTTLE	S FK EEL	14,900	110,700	220
POWER HOUSE NO 3	COTTONWOOD CR	0	8,000	1,267	HOLLOW TREE	S FK EEL	5,000	39,500	210
POWER HOUSE NO 2	COTTONWOOD CR	5,000	32,000	2,166	BRANSCOMB	S FK EEL	7,500	51,500	610
POWER HOUSE NO 1	COTTONWOOD CR	4,000	24,000	2,077	SEQUOIA	EEL	39,800	314,000	260
BIG PINE NO 2	BIG PINE CR	5,400	34,000	1,789	ISLAND MOUNTAIN	EEL	24,900	199,700	150
BIG PINE NO 1	BIG PINE CR	3,000	23,000	1,209	MINA NO 2	N FK EEL	14,900	102,800	410
BISHOP CREEK NO 1	BISHOP CR	3,500	28,000	900	MINA NO 1	N FK EEL	9,700	65,400	300
UPPER GORGE	OWENS	37,500	155,000	792	HULL CREEK	HULL CR	14,900	122,800	1,300
MONO CRATERS	OWENS	4,000	24,400	197	CASOOSE CREEK	CASOOSE CR	14,900	118,800	1,340
ROCK CREEK NO 3	ROCK CR	4,500	26,000	800	RED MOUNTAIN	N FK EEL	3,800	23,400	460
ROCK CREEK NO 2	ROCK CR	12,500	78,000	2,515	BELL SPRINGS	EEL	24,900	185,800	235
ROCK CREEK NO 1	ROCK CR	6,500	41,000	1,545	DOS RIOS	M FK EEL	14,900	101,900	155
CRAIGS	S FK SMITH	54,000	294,000	375	ROUND VALLEY	M FK EEL	39,800	191,000	465
CANTHOOK	S FK SMITH	37,500	175,000	376	MONTICELLO	PUTAH CR	20,000	44,000	240
ROCKLAND	N FK SMITH	45,000	233,500	820	NIMBUS	AMERICAN	13,500	67,000	45
BLUE CREEK	KLAMATH	70,000	435,000	71	FOLSOM	AMERICAN	162,000	620,000	335
JACKMAN	KLAMATH	120,000	800,000	141	SALMON FALLS	S FK AMERICAN	60,000	216,000	397
HORSE LINTO	TRINITY	65,000	389,600	324	KELSEY	S FK AMERICAN	25,000	137,200	211
HYAMPOM	S FK TRINITY	45,000	292,700	580	AMERICAN RIVER	S FK AMERICAN	56,800	312,000	573
HAY FORK	HAY FK	40,000	220,400	1,138	SLAB CREEK	S FK AMERICAN	20,000	99,700	173
TRINITY	TRINITY	75,000	231,400	393	ELDORADO NO 1A	S FK AMERICAN	40,000	216,000	925
SLATE CREEK	KLAMATH	100,000	750,000	204	ELDORADO NO 1	S FK AMERICAN	80,000	404,000	1,910
MOREHOUSE	SALMON	30,000	195,700	734	BIG BEND	SILVER CR	52,000	281,000	1,340
FORKS SOUTH FORK	SALMON	11,000	66,000	470	UNION VALLEY RES	SILVER CR	15,000	58,600	505
					ICE HOUSE RESERVOIR	SILVER CR	9,000	44,600	940

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TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
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DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
CALIFORNIA CONT'D					FRENCH CREEK	N FK FEATHER	20,000	90,000	1,400
ALDER RESERVOIR	ALDER CR	4,000	21,000	1,290	POE	N FK FEATHER	113,400	540,000	477
KYBURZ	S FK AMERICAN	20,000	120,000	1,055	BELDEN	N FK FEATHER	117,000	390,000	770
CHINA FLAT	SILVER FK	15,000	72,700	1,030	GREENVILLE	INDIAN CR	40,000	150,000	597
VAN WINKLE	SILVER FK	10,000	53,500	1,005	YELLOW CREEK	YELLOW CR	25,000	164,000	1,905
ECHO	S FK AMERICAN	4,000	17,500	850	CARIBOU NO 2	N FK FEATHER	113,400	345,000	1,149
OREGON BAR	N FK AMERICAN	100,000	427,000	447	BUTT VALLEY	BUTT CR	43,200	170,000	380
LADY CANYON	M FK AMERICAN	35,000	165,000	220	CENTERVILLE	BUTTE CR	15,600	94,000	590
RUBICON NO 4A	RUBICON	46,000	262,000	1,525	DESABLA NO 1	BUTTE CR	8,000	44,800	1,015
RUBICON NO 4	RUBICON	62,000	348,000	885	DESABLA NO 2	BUTTE CR	24,000	132,900	1,532
RUBICON NO 3	RUBICON	80,000	439,000	1,735	BUTTE MEADOWS	BUTTE CR	16,000	96,000	1,340
GERLE NO 1	GERLE CR	5,000	28,000	360	DEER CREEK NO 4	DEER CR	18,000	107,200	750
GERLE NO 2	RUBICON	33,000	180,000	1,860	DEER CREEK NO 3	DEER CR	15,000	92,600	750
LOWER HIGH HEAD	RUBICON	1,200	5,200	275	DEER CREEK NO 2	DEER CR	13,000	77,500	700
UPPER HIGH HEAD	RUBICON	16,000	63,000	518	DEER CREEK NO 1	DEER CR	18,000	109,000	1,370
RALSTON	M FK AMERICAN	56,000	318,000	2,175	ANTELOPE CREEK NO 3	ANTELOPE CR	5,700	32,200	342
FRENCH MEADOW	M FK AMERICAN	3,000	10,500	235	ANTELOPE CREEK NO 2	ANTELOPE CR	4,000	22,400	279
INDIAN CREEK	N FK AMERICAN	10,000	40,300	200	ANTELOPE CREEK NO 1	ANTELOPE CR	6,500	45,600	1,150
COLFAX NO 3	N FK AMERICAN	25,000	99,000	695	RICE CREEK	SACRAMENTO	70,000	282,000	93
PIONEER NO 2	N FK AMERICAN	15,000	58,900	805	IRON CANYON	SACRAMENTO	72,000	440,000	96
TADPOLE NO 1	N FK AMERICAN	4,500	17,600	1,460	TABLE MOUNTAIN	SACRAMENTO	150,000	786,000	149
GARDEN BAR	BEAR	4,000	20,000	281	TOWERHOUSE	CLEAR CR	66,000	383,000	639
CHICAGO PARK	BEAR	22,000	152,000	659	MATHESON	SPRING CR	75,000	447,000	729
NARROWS	YUBA	60,600	278,000	464	CHONTON TUBAS	MCCLOUD	90,000	489,000	664
SCOTTS FLAT	DEER CR	4,000	26,000	520	LADY BUG	MCCLOUD	63,000	294,000	466
SPAULDING RIM	S F YUBA	5,200	30,000	318	RINKLE	MCCLOUD	22,000	86,000	680
COLGATE	N FK YUBA	26,000	148,000	631	BIG SPRINGS	MCCLOUD	59,000	222,000	742
BULLARDS BAR	N FK YUBA	38,500	210,000	510	PIT NO 7	PIT	52,000	284,000	202
MILL CREEK	N FK YUBA	39,000	218,000	570	PIT NO 6	PIT	64,800	219,000	192
RAMSHORN	N FK YUBA	14,800	82,400	384	PIT NO 4	PIT	80,000	433,000	377
DOWNVILLE	N FK YUBA	32,800	155,000	1,336	SUGAR LOAF	HAT CR	5,000	42,000	595
SIERRA CITY	N FK YUBA	2,100	7,200	303	PIT NO 2	PIT	14,000	95,000	103
SARDINE UNIT	N FK YUBA	13,000	102,000	1,659	CASTLE CRAG	SACRAMENTO	12,000	91,000	800
AFTERBAY	FEATHER	25,000	136,000	59	SLOUGHHOUSE	FOLSOM NEWMAN CANL	16,000	60,000	80
OROVILLE	FEATHER	440,000	1,646,000	703	NASHVILLE	COSUMNES	17,000	57,200	426
FORBESTOWN	S FK FEATHER	19,400	77,000	777	KNIGHTS FERRY	STANISLAUS	6,000	26,000	150
WOODLEAF	S FK FEATHER	34,600	128,000	1,512	TULLOCH	STANISLAUS	17,000	70,000	157
PH NO 1 A	S FK FEATHER	10,500	38,000	1,320	NEW MELONES	STANISLAUS	23,700	216,000	463
PH NO 4	M FK FEATHER	42,000	290,000	630	R MURPHYS	ANGELS CR	2,300	0	685
PH NO 2 A	M FK FEATHER	24,300	164,000	2,020	A STANISLAUS	STANISLAUS	41,000	198,000	1,498
PH NO 3	M FK FEATHER	65,000	415,000	1,228	COLLIERVILLE	STANISLAUS	36,000	255,000	2,180
PH NO 2	M FK FEATHER	26,000	157,000	610	SAND BAR	M FK STANISLAUS	10,000	78,000	325
PH NO 1	M FK FEATHER	19,800	117,000	450	HIGH BEARDSLEY	M FK STANISLAUS	17,000	109,000	2,300
INSKIP	W BR FEATHER	5,000	29,800	1,100	BEARDSLEY	M FK STANISLAUS	8,800	34,700	264

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TABLE II. - INDIVIDUAL UNDEVELOPED HYDROELECTRIC POWER SITES
WITH PRINCIPAL CHARACTERISTICS - JANUARY 1, 1953

By Geographic Divisions and States

DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.	DIVISION AND STATE NAME OF PROJECT OR SITE	RIVER	INSTALLED CAPACITY KW	AV. ANNUAL GENERATION 1,000 KWH	GROSS HEAD FT.
CALIFORNIA CONT'D					SIMPSON MEADOW	M FK KINGS	60,000	368,000	1,844
DONNELLS FLAT	M FK STANISLAUS	50,000	206,000	1,315	TERMINUS	KAWeah	10,000	40,000	174
DARDANELLES	M FK STANISLAUS	6,000	42,700	500	ANT HILL	KERN	17,000	70,000	174
CALAVERAS	N FK STANISLAUS	21,000	154,000	1,175	A KERN CANYON	KERN	23,500	80,000	262
RAMSEY	N FK STANISLAUS	7,000	42,600	350	A KERN RIVER NO 1	KERN	94,000	330,000	877
HIGHLAND	N FK STANISLAUS	13,000	91,000	865	ISABELLA	KERN	62,000	271,000	700
R DON PEDRO	TUOLUMNE	70,000	160,000	600	ONYX	S FK KERN	25,000	131,000	2,700
A MOCCASIN	MOCCASIN CR	42,000	250,000	1,316	ROCKHOUSE	S FK KERN	5,000	17,500	460
BIG HUMBURG CREEK	TUOLUMNE	8,000	55,000	233	A MONACHE	S FK KERN	10,000	52,500	1,660
MOUTH OF CLAVEY	TUOLUMNE	9,500	62,000	265	A KERN RIVER NO 3	KERN	28,000	153,500	821
CLAVEY R DIVERSION	TUOLUMNE	13,500	100,000	1,935	JUNCTION	KERN	60,000	350,000	1,040
SOUTH FORK P H NO 3	TUOLUMNE	22,500	98,600	1,935	LITTLE KERN	KERN	40,000	236,000	955
SOUTH FORK P H NO 1	S FK TUOLUMNE	13,000	51,600	824	KERN LAKE	KERN	25,000	157,500	845
TUOLUMNE	TUOLUMNE	61,000	475,000	1,300	SESPE 3 PLANTS	SESPE CR	23,000	70,000	1,610
CHERRY VALLEY	TUOLUMNE	75,000	680,000	1,885	FOREST HOME	MILL CR	3,000	16,000	2,080
EARLY INTAKE NO 2	TUOLUMNE	42,000	252,000	791	POWER HOUSE NO 3	BEAR CR	4,000	15,800	620
O SHAUGHNESSY	TUOLUMNE	11,200	90,000	300	POWER HOUSE NO 2	BEAR CR	3,600	24,000	1,200
EXCHEQUER NO 2	MERCED	5,000	24,900	50	POWER HOUSE NO 1	BEAR CR	3,600	17,500	1,220
A BIG CREEK NO 3	SAN JOAQUIN	25,500	0	830	DROP NO 5	ALL AMERICAN CANAL	5,000	24,100	24
WEST SIDE PP NO 8A	SAN JOAQUIN	36,000	315,000	715	A DROP NO 3	ALL AMERICAN CANAL	4,800	8,700	26
MAMMOTH RESERVOIR	SAN JOAQUIN	126,000	550,000	1,100	DROP NO 2	ALL AMERICAN CANAL	9,600	49,100	26
WEST SIDE PP NO 12	CHIQUITO CR	10,100	25,600	213	PILOT KNOB	ALL AMERICAN CANAL	33,000	55,300	58
WEST SIDE PP NO 13	MUGLER CR	15,700	76,500	537			7,802,100	39,674,400	
WEST SIDE PP NO 14	POWER HOUSE CR	16,400	74,900	560	PACIFIC TOTAL		30,507,900	155,504,100	
WEST SIDE PP NO 15	POWER HOUSE CR	23,100	94,700	950	UNITED STATES				
WEST SIDE PP NO 11	JACKASS CR	19,400	82,000	480	TOTAL		87,992,100	378,508,200	
WEST SIDE PP NO 10	JACKASS CR	23,100	96,800	500					
WEST SIDE PP NO 9	SAN JOAQUIN	61,900	316,000	713	A. ADDITIONAL POSSIBLE CAPACITY AND CORRESPONDING INCREMENTAL AVERAGE ANNUAL GENERATION AT EXISTING PLANT.				
WEST SIDE PP NO 16	M FK SAN JOAQUIN	35,000	147,000	630	B. BLOCK OF UNDEVELOPED POWER IN REACH OF RIVER BETWEEN DESIGNATED POINTS. HEAD IS AGGREGATE UNDEVELOPED HEAD IN REACH.				
WEST SIDE PP NO 18	M FK SAN JOAQUIN	13,400	43,200	845	R. REDEVELOPMENT OF PRESENTLY DEVELOPED SITE. CAPACITY AND AVERAGE ANNUAL GENERATION ARE INCREMENTAL QUANTITIES RESULTING FROM REDEVELOPMENT. HEAD SHOWN IS HEAD RESULTING FROM REDEVELOPMENT.				
WEST SIDE PP NO 17	M FK SAN JOAQUIN	12,700	54,700	385	S. SITE OF PROJECT IS ON BOUNDARY RIVER BETWEEN STATES. CAPACITY AND AVERAGE ANNUAL GENERATION SHOWN; ONE HALF OF TOTAL POSSIBLE CAPACITY AND GENERATION; OTHER HALF SHOWN IN THE LIST OF SITES FOR ADJOINING STATE. HEAD SHOWN IS THE HEAD AT THE SITE.				
PINE FLAT	KINGS	120,000	289,000	388	U. ADDITIONAL POSSIBLE AVERAGE ANNUAL GENERATION AT EXISTING PLANT RESULTING FROM FUTURE CONSTRUCTION OF ADDITIONAL UPSTREAM STORAGE.				
KINGS RIVER	KINGS	39,000	129,600	788					
JUNCTION NO 2	DINKEY CR	40,000	200,000	2,080					
PEARL	DINKEY CR	30,000	100,000	2,200					
A BALCH	N FK KINGS	84,000	228,000	2,336					
HAAS	N FK KINGS	106,500	357,000	2,230					
WISHON	N FK KINGS	13,500	45,600	250					
HELMS	HELMS CR	41,000	166,000	1,610					
JUNCTION PH NO 5	KINGS	130,000	613,000	985					
CEDAR GROVE	S FK KINGS	140,000	665,000	2,408					
PARADISE VALLEY	S FK KINGS	40,000	219,000	2,048					
TEHIPITE VALLEY	M FK KINGS	80,000	525,000	1,885					

SEE FOOTNOTES AT END OF TABLE

TABLE 12
PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES
JANUARY 1, 1953

By Major Drainages and Selected River Basins

Drainage and River Basin	Developed Installed Capacity Kw	Undeveloped Estimated Capacity Kw	Total Estimated Capacity Kw	Percentage Development
United States	21,463,872	87,992,100	109,455,972	20
Major Drainages				
North Atlantic	2,268,243	7,399,400	9,667,643	24
South Atlantic	1,455,576	4,012,900	5,468,476	27
Eastern Gulf	728,448	2,991,000	3,719,448	13
Ohio River	3,794,291	6,734,000	10,528,819	36
Great Lakes-St. Lawrence	1,545,285	3,355,100	4,900,385	32
Hudson Bay	16,456	20,200	36,656	45
Upper Mississippi River	616,916	718,300	1,335,216	46
Missouri River	783,111	9,129,300	9,912,411	8
Lower Mississippi River	465,407	5,105,000	5,570,407	8
Western Gulf	284,400	1,001,600	1,286,000	22
Colorado River	1,773,655	5,239,900	7,013,555	25
Great Basin	445,272	513,100	958,372	46
North Pacific	4,856,012	33,994,800	38,850,812	13
South Pacific	2,430,800	7,776,600	10,207,400	24
Selected River Basins				
Kennebec	131,981	534,000	665,981	20
Androscoggin	139,039	370,000	509,039	27
Merrimack	99,939	322,000	421,939	24
Connecticut	522,521	934,000	1,456,521	36
Niagara	419,487	1,250,000	1,669,487	25
Hudson	345,661	320,600	666,261	52
Susquehanna	626,620	2,124,200	2,750,820	23
Potomac	17,102	771,500	788,602	2
Yadkin-Pee Dee	226,417	344,700	571,117	40
Santee	846,619	687,300	1,534,119	55
Savannah	204,112	1,279,200	1,483,312	14
Apalachicola	134,718	892,600	1,027,318	13
Mobile-Alabama	572,597	1,973,700	2,546,297	23
Ohio (Except Tennessee and Cumberland)	493,939	5,551,100	6,045,039	8
Tennessee	2,824,892	613,600	3,438,492	82
Cumberland	475,460	569,300	1,044,760	45
Colorado (Texas)	202,250	138,200	340,450	60
Red	157,924	888,600	1,046,524	15
Arkansas	99,995	1,096,600	1,196,595	8
White	207,488	1,457,000	1,664,488	12
Missouri	783,111	9,129,300	9,912,411	8
Colorado	1,773,655	5,239,900	7,013,555	25
Sacramento-San Joaquin ^{1/}	2,346,990	5,968,500	8,315,490	28
Columbia	3,947,389	30,218,500	34,165,889	12
Total - Listed Basins	17,600,106	72,674,400	90,274,506	20

^{1/} Including Tulare Lake and Buena Vista Lake Basins.

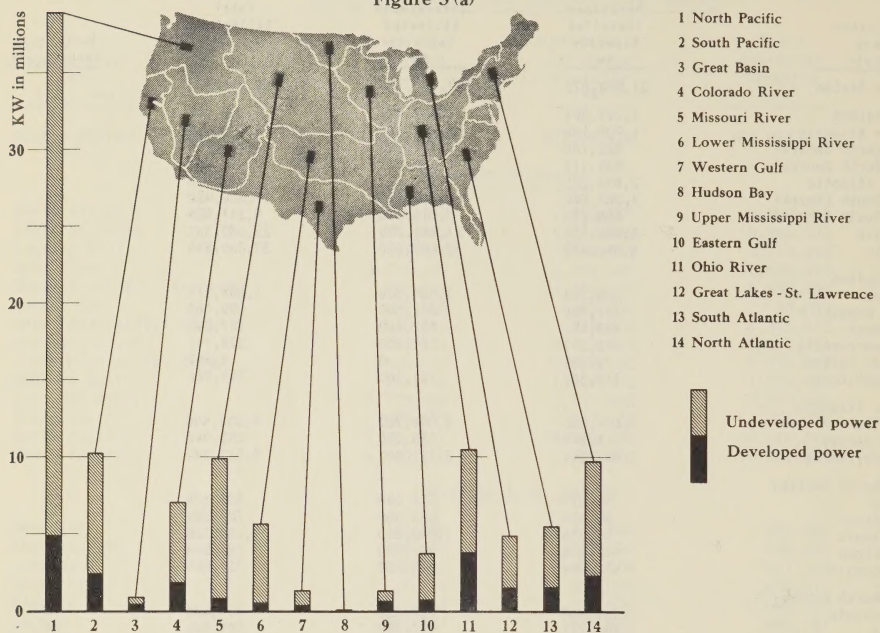
TABLE 13
PERCENT DEVELOPMENT OF HYDROELECTRIC POWER RESOURCES
JANUARY 1, 1953

By Geographic Divisions and State				
Division and State	Developed Installed Capacity Kw	Undeveloped Estimated Capacity Kw	Total Estimated Capacity Kw	Percentage Development
United States	21,463,872	87,992,100	109,455,972	20
New England	1,271,301	3,232,600	4,503,901	28
Middle Atlantic	1,705,188	6,415,300	8,120,488	21
East North Central	922,166	3,091,550	4,013,716	23
West North Central	644,117	6,388,850	7,032,967	9
South Atlantic	2,835,275	8,677,550	11,512,825	25
East South Central	3,362,580	4,167,850	7,530,430	45
West South Central	695,224	3,615,800	4,311,024	16
Mountain	3,185,632	21,894,700	25,080,332	13
Pacific	6,842,389	30,507,900	37,350,289	18
New England				
Maine	393,715	1,604,500	1,998,215	20
New Hampshire	311,889	687,200	999,089	31
Vermont	193,442	533,600	727,042	27
Massachusetts	242,741	286,000	528,741	46
Rhode Island	9,952	0	9,952	100
Connecticut	119,562	121,300	240,862	50
Middle Atlantic				
New York	1,254,896	3,048,700	4,303,596	29
New Jersey	8,948	225,000	233,948	4
Pennsylvania	441,344	3,141,600	3,582,944	12
East North Central				
Ohio	13,874	525,000	538,874	3
Indiana	35,554	668,000	703,554	5
Illinois	47,936	1,208,800	1,256,736	4
Michigan	410,858	371,450	782,308	53
Wisconsin	413,944	318,300	732,244	57
West North Central				
Minnesota	186,984	227,250	414,234	45
Iowa	141,721	402,800	544,521	26
Missouri	155,273	2,953,300	3,108,573	5
North Dakota	0	611,800	611,800	0
South Dakota	13,021	1,222,500	1,235,521	1
Nebraska	140,933	681,200	822,133	17
Kansas	6,185	290,000	296,185	2
South Atlantic				
Delaware	600	0	600	100
Maryland	272,097	360,000	632,097	43
District of Columbia	3,000	0	3,000	100
Virginia	250,006	1,387,500	1,637,506	15
West Virginia	207,560	2,324,000	2,531,560	8
North Carolina	967,363	1,227,200	2,194,563	44
South Carolina	677,669	1,302,300	1,979,969	34
Georgia	444,319	1,986,550	2,430,869	18
Florida	12,661	90,000	102,661	12
East South Central				
Kentucky	542,060	1,409,300	1,951,360	28
Tennessee	1,521,300	704,300	2,225,600	68
Alabama	1,299,220	1,644,350	2,943,570	44
Mississippi	0	409,900	409,900	0
West South Central				
Arkansas	276,540	1,614,000	1,890,540	15
Louisiana	0	50,400	50,400	0
Oklahoma	87,824	989,600	1,077,424	8
Texas	330,860	961,800	1,292,660	26
Mountain				
Montana	603,910	6,311,200	6,915,110	9
Idaho	636,245	8,097,100	8,733,345	7
Wyoming	107,197	955,500	1,062,697	10
Colorado	145,005	1,705,500	1,850,505	8
New Mexico	24,910	209,000	233,910	11
Arizona	984,780	3,290,700	4,275,480	23
Utah	94,165	1,215,200	1,309,365	7
Nevada	589,420	110,500	699,920	84
Pacific				
Washington	3,199,593	16,246,100	19,445,693	16
Oregon	820,349	6,459,700	7,280,049	11
California	2,822,447	7,802,100	10,624,547	27

EXISTING AND UNDEVELOPED HYDROELECTRIC POWER

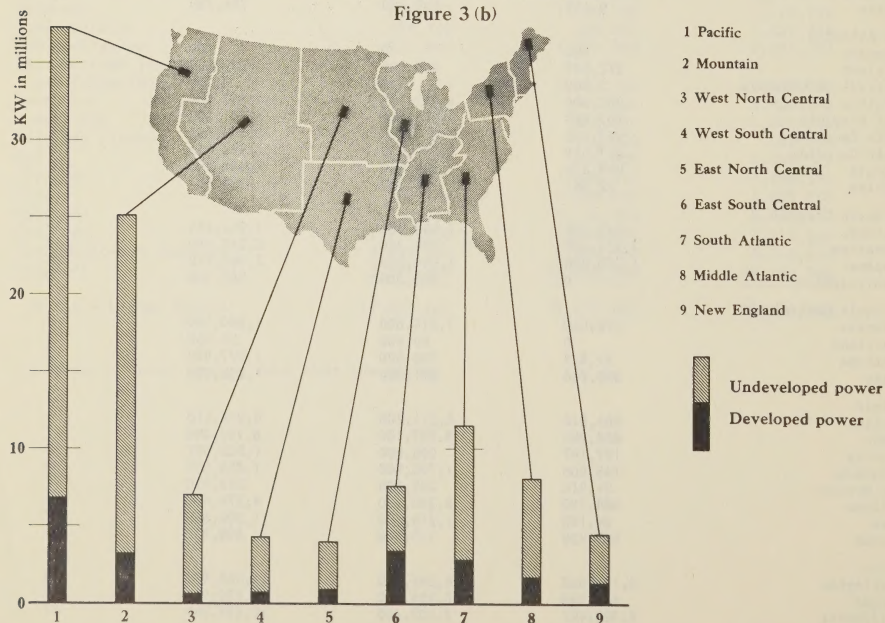
January 1, 1953
By Major Drainages

Figure 3 (a)



By Geographic Divisions

Figure 3 (b)



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